April, 1958

THE CHEMIST

VOLUME XXXV NUMBER 4

CONSTITUTION AND BY-LAWS

-:-

CODE OF ETHICS

-:-

DIRECTORY OF MEMBERSHIP

OF

THE AMERICAN INSTITUTE OF CHEMISTS, INC.

Yes, the Halogen Fluorides are commercially available from B&A®!

With the exception of elemental fluorine, the Halogen Fluorides are the most reactive chemicals known. They react with the vast majority of inorganic and organic compounds and with many metals. These unique characteristics suggest many interesting paths of research for the alert investigator to follow—particularly where vigorous incendiary or fluorinating agents are indicated.

General Chemical's commercial production of the Halogen Fluorides marks another step in the company's extensive program with elemental fluorine and compounds derived from it.

CHLORINE TRIFLUORIDE
is commercially available in ton cylinders . . . also in cylinders of 150 pounds net.

Bromine trifluoride • Bromine pentafluoride • Iodine pentafluoride
are offered in various-sized cylinders to suit demand.

With tonnage quantities of the Halogen Fluorides readily available, industrial development of many experimental applications is now possible and new research in many fields can go forward. They may provide the answer to your needs. Write today (on business letterhead, please) for Technical Bulletin TA-8532-2, covering Chlorine Trifluoride and other Halogen Fluorides.

BAKER & ADAMSON® Fine Chemicals

Allied Chemical

GENERAL CHEMICAL DIVISION
40 Rector Street, New York 6, N. Y.

Offices: Albany • Atlanta • Baltimore • Birmingham • Boston • Bridgeport • Buffalo • Charlotte Chicago • Cleveland (Miss.) • Cleveland (Ohio) • Denver • Detroit • Houston • Jacksonville Kalamazoo • Los Angeles • Milwaukee • Minneapolis • New York • Philadelphia • Pittsburgh Portland (Ore.) • Providence • San Francisco • St. Louis • Seattle • Kennewick, Vancouver and Yakima (Wash.) **In Canada: The Nichols Chemical Company, Limited • Montreal • Toronto • Vancouver**

Now . . . for fast, flexible gas-liquid chromatography

Here, magnified 16 times, is Chromosorb, the specially screened and treated diatomite aggregate that facilitates partition chromatography.

Johns-Manville CHROMOSORB

CHROMOSORB® gives you sharp separations and symmetrical peaks in the gas-liquid partition method of vapor chromatography. Among its many desirable properties are high absorption, stable uniform granules, easier packing, lower pressure drop, improved resolution and inertness. And, with Chromosorb's physical stability and non-adsorption, the same column packing can be used over and over.

Carefully processed from the world's purest commercially available diatomite deposit, Chromosorb is an outgrowth of the use of Celite filter aids in the earliest gas chromatography studies. For further information, write Johns-Manville, Box 14, New York 16, N. Y. In Canada, Port Credit, Ontario.

Typical Chromosorb Properties

Color	light pink
Density—loose weight—lb/cu ft	24
Specific Gravity—true	2.15
Absorption—% by weight, water	90
Moisture—% by weight, maximum	1.0
Surface Area—sq. m/gm, average	3-5
Adsorption	negligible

Johns-Manville CHROMOSORB

a product of the Celite Division

The CHEMIST

Reg. U. S. Pat. Off.

Publication of

THE AMERICAN INSTITUTE OF CHEMISTS, INC.

60 East 42nd street, New York 17, N. Y.

Entered as second class matter April 8, 1936 at the Post Office at New York, N. Y., under Act of August 24, 1912. Issued monthly.

Subscription price, $2.00 a year to Members, $3.00 to Non-Members. Single copy, this issue, $3.00. Copyright, 1958 by THE AMERICAN INSTITUTE OF CHEMISTS, INC.

Vol. XXXV April, 1958 Number 4

Editor: V. F. KIMBALL

Advisory Board

Dr. Ray P. Dinsmore, The Goodyear Tire & Rubber Co., Akron, Ohio.

Lawrence H. Flett, Consultant, National Aniline Div., Allied Chemical & Dye Corp., New London, New Hampshire.

Dr. Bernard S. Friedman, Sinclair Research Labs., Inc., 400 E. Sibley Blvd., Harvey, Ill.

Richard L. Moore, W. R. Grace & Co., 3 Hanover Sq., New York 4, N. Y.

Dr. Walter J. Murphy, ACS Applied Publications, Washington 6, D. C.

Dr. W. George Parks, University of Rhode Island, Kingston, R. I.

Dr. L. F. Pierce, L. F. Pierce Laboratories, Los Angeles 57, Calif.

Dr. Malcolm M. Renfrew, Spencer Kellogg & Sons, Inc., Buffalo, N. Y.

Dr. William J. Sparks, Esso Research & Engineering Co., Linden, N. J.

Contributing Editors

M. R. Bhagwat, 1839 Niagara Ave., Niagara Falls, N. Y.

D. H. Killeffer, 168 Westchester Ave., Tuckahoe 7, N. Y.

Dr. Frederick G. Sawyer, Vice President, Jacobs Engineering Co., 774 East Green St., Pasadena, Calif.

Florence E. Wall, Consultant, Writer, 210 East 68th Street, New York, N. Y.

Martin B. Williams, Rocket Dev. Labs., Redstone Arsenal, Huntsville, Alabama

Department Editors

Condensates, Dr. Ed. F. Degering

Opportunities, Doris Eager

Chemical Books Abroad, Dr. Rudolph Seiden

Deadlines for *The Chemist*

The deadline for the June issue of The Chemist is May 10th. Advertising copy for June should be received not later than May 15th.

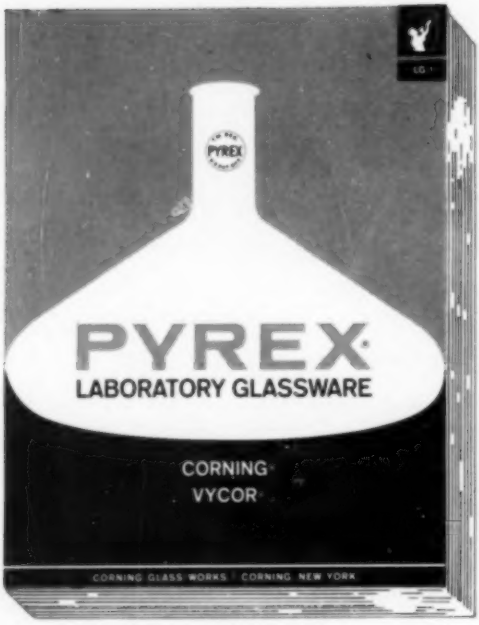
THE AMERICAN INSTITUTE OF CHEMISTS does not necessarily endorse any of the facts or opinions advanced in articles which appear in THE CHEMIST.

IN THIS ISSUE

Editorial:
A Privilege, an Obligation, a Pleasure **119**
Special Information **119, 120, 233**
Code of Ethics **125**
Constitution and By-Laws **127**
Officers, Councilors, Past Presidents **136**
The Emblem **136**
AIC Chapters **137**
The Gold Medal **138**
Honorary Members **139**
Directory of Members **140**
AIC Membership Totals **228**
AIC Meetings **233**
Membership Applications **233**

Recommended Suppliers and Services

Allied Chemical & Dye Corp 239
Analytical Measurements, Inc. 237
Norman Applezweig Associates 235
Robert S. Aries & Associates 234
Baker & Adamson Division ..... Inside Front Cover
J. T. Baker Chemical Co. 124
Bios Laboratories 237
Margaret Busher Agency 235
Calkin & Bailey 236
Corning Glass Works 116
Croll-Reynolds Company 232
Evans Research & Development Corp. 230
Food & Drug Research Labs 235
Gayle's 233
General Laboratory Supply Co. 229
Gordon & Campbell 236
W. R. Grace & Company 123
Harchem Div., Wallace & Tiernan, Inc. 117
Harshaw Chemical Co. 121
Johns-Manville 113
O. Johnson 237
LaWall & Harrisson 234
The Lento Press 233
John J. Levenson, Jr., & Associates 236
Arthur D. Little, Inc. 237
Molnar Laboratories 234
Nopco Chemical Company 120
Ohaus Scale Corporation 231
Palo Laboratory Supplies, Inc. 122
Charles Pfizer & Co. ..... Inside Back Cover
Phoenix Chemical Labs 234
Lucius Pitkin, Inc. 234
Reheis Company, Inc. 238
Robinette Research Labs 234
Rosner-Hixson Labs 236
Saxonburg Ceramics 238
Wm. J. Schepp, F.A.I.C. 236
Scientific Glass Apparatus Co., Inc. 240
Sethco Manufacturing Co. 236
Foster D. Snell, Inc. 235
Standard Scientific Supply Co. 118
R. Steckler Laboratories 234
Truesdail Laboratories, Inc. 235
U. S. Stoneware ..... Outside Back Cover
U. S. Testing Company 235
Roger Williams Technical & Economic Services, Inc. 236
Lincoln T. Work 234



HOT OFF THE PRESS! The most complete labware catalog ever!

350 Pages . . .

8500 Pieces of PYREX® Borosilicate Lab Glassware

New listing method and color-coding make Corning's NEW Catalog even easier to use

This newly published Corning Catalog of PYREX brand Laboratory Glassware is the most complete, easiest-to-use book of its type ever printed.

The idea originated with you—If you were one of the customers we contacted in our Catalog Preference Survey it's likely your ideas are incorporated in Catalog LG-1. Because you use it frequently it was only fair that you had a say in its organization and layout.

For fast finding—This catalog is set up dictionary style and in six color-coded sections, each with its own color panels at the top and side of each page. There's an extensive index and exhaustive cross-indexing, too, so you can find similar items and components quickly.

Custom-Made Labware Section—The former Custom Apparatus Catalog joins our Standard Listings. This 143-page section lists the most demanded modifications of all types of ware. Included, also, are 13 pages of Micro Ware and 12 pages of Needle Valve Equipped Glassware listings.

Clip the Coupon For Your Free Copy of LG-1, Corning's New Lab Glassware Catalog

Corning means research in Glass

CORNING GLASS WORKS

583 Crystal Street, Corning, New York

I have not as yet received my free copy of Corning Catalog LG-1. Please send me one.

Name.....Title.....

Company.....

Street.....

City.....Zone.....State.....

Plasticizer Data
TO HELP YOU CHOOSE THE RIGHT PLASTICIZER

this
Harflex® Plasticizer
is efficient

Dimethyl sebacate

extreme efficiency • excellent low temperature properties

Appearance	Clear Liquid or White Solid
Color, APHA	100 max.
Odor	Neutral
Specific Gravity 30/20°C	0.986±0.003
Free Acidity, as Acetic Acid	0.02 max.
Ester Content	99.0% min.

major uses:

A plasticizer in vinyl resins, synthetic rubbers, cellulose nitrate, cellulose acetobutyrate, acrylic resins; as a chemical intermediate, and a neutral, concentrated source of the sebacyl radical.

Harchem produces a full line of phthalate, adipate, sebacate and polymeric plasticizers. The Harchem Division laboratories will gladly assist you with your plasticizer problems, or will supply additional data including formulation test results and formulation suggestions for any Harflex Plasticizer.

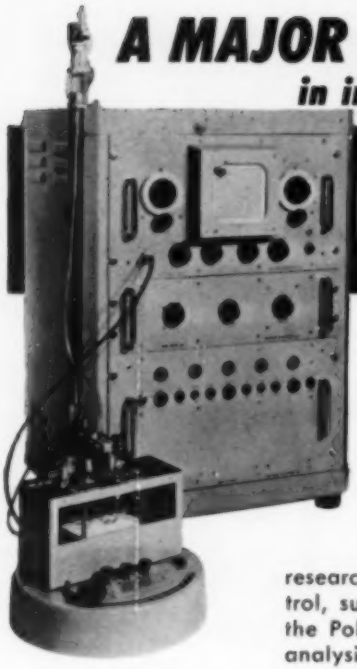
Address inquiries to Dept. H-41

THE KEY TO HARCHEM® BETTER PLASTICS

HARCHEM DIVISION
WALLACE & TIERNAN, INC.
25 MAIN STREET, BELLEVILLE 9, NEW JERSEY
IN CANADA: W. C. HARDESTY CO. OF CANADA, LTD., TORONTO

A MAJOR BREAKTHROUGH

in instrumental technique...



The Cathode Ray

POLAROTRACE

WITH ELECTRODE STAND

FOR DIRECT OR DERIVATIVE OPERATION

Speedy determination of concentrations up to 1000 times lower than conventional types of polarographic instruments!

Here is an entirely new approach to the polarographic technique. Suitable for research or routine operations, the simplified control, superior sensitivity and greater resolution of the Polarotrace will open new doors to chemical analysis. Its potentialities for scientific progress are immeasurable!

RAPIDITY—The entire polarogram is reproduced on the screen once every 7 seconds, cutting analysis time to a fraction.

SENSITIVITY—Currents as low as 2.0 X 10^{-8} amperes full scale may be measured and the peaked nature of the waves enables accurate determinations at concentrations of fractions of a microgram per millilitre.

GREATER RESOLUTION due to formation of peak polarograms.

DERIVATIVE OPERATION is a built-in feature of the Polarotrace.

DIRECT READING from scale eliminates geometrical construction.

EASE OF OPERATION—The wave is under virtually continuous operation due to the combined effects of the 7-second repetition, high reproducibility and tube after-glow.

RUGGED DESIGN—The electronic circuitry is housed in a single heavy-duty cabinet, 23" X 19" X 32", and the component parts are easily accessible for maintenance.

The Polarotrace is supplied complete with its Electrode Stand which includes a thermostatically-controlled tank, provision for simultaneous degassing of the three cells and easy means of raising or lowering the electrode in the solutions under test.

Camera attachments are also available.

Reference:
B. J. MacNulty, G. F. Reynolds,
E. A. Ferry. ANALYST (1954)
79, 190 and 938

Our application laboratory is at your disposal to run test specimens. Detailed information and prices available upon request. Cat. No. TC-83725

STANDARD SCIENTIFIC Supply Corp.
808 BROADWAY
NEW YORK 3, N.Y.

LABORATORY APPARATUS
REAGENTS AND CHEMICALS

EDITORIAL

A Privilege, an Obligation, A Pleasure

THE AMERICAN INSTITUTE of CHEMISTS is the only organization in the United States whose sole purpose is to develop the professional status of chemists and chemical engineers. It is interested in chemists and chemical engineers as individuals and in their relations to all other people. It stresses the full recognition of the individual for his achievements, because the public accepts the individual and his accomplishments before it gives regard to his profession.

The AIC is competitive with no other organization, but cooperates with, and often inspires, other societies of scientists to emphasize professional advancement.

To belong to the AIC is a privilege, an obligation, and a pleasure. The INSTITUTE believes that "a professional chemist or chemical engineer is a person who, with adequate training, experience, intellectual capacity, and moral integrity, effectively devotes his skills to the service of society and his profession in whatever assignment he may find himself, with a full sense of the personal responsibility and trusteeship conferred by his special training." This is the privilege and the obligation.

The pleasure comes from the opportunity to exchange views on professional matters; to participate in professional activities to the limit of desire; to offer help where it is needed; to take help from colleagues if required; to influence the public acceptance of chemists, and in many other ways to aid the profession in its growth and development.

Please Note

Information about members is listed in the following order: Name, initial of current rank in the AIC (Honorary, Life, Emeritus Fellow, Fellow, Member, or Associate), business affiliation, and address to which mail should be sent.

Geographical Index

A listing of the AIC members by state and city will appear in the May issue of The Chemist.

Our Advertisers

The advertisers in this directory have helped to make this issue of The Chemist possible. Please purchase from them whenever possible.

The May Chemist

In addition to the geographical index of the AIC membership, the May issue of THE CHEMIST will feature "Sputniks and Science Education," containing some eminently practical suggestions by Dr. John A.

Timm, F.A.I.C., director, School of Science, Simmons College, Boston, Mass., who recently received the Honor Scroll of the New England Chapter.

Committee Reports

The final reports of AIC Committees, Chapters, Officers, for the fiscal year 1957 - 1958, will be published in THE CHEMIST for the information of the membership, during the Spring and Summer. Some of these reports concern matters of continuing or future importance, such as that of the Committee on Legislation Affecting Chemists and Chemical Engineers.

AIC Reprints Available

"The Employed Chemist and His Employer." Report of Committee on Employer-Employee Relationships. Dr. E. H. Northey, chairman. (20 cents each.)

"An Educator Observes the Chemist," By Dr. Roger Adams. (15 cents each.)

"A Proposed Contract for Chemists and Chemical Engineers." Prepared by the Sub-committee on Employer-Employee Relations. Chairman of subcommittee, Dr. Lloyd A. Hall. (15 cents each. Mimeographed.)

"Sizing up Members for the Team." By Dr. George L. Royer. On techniques of interviewing applicants for positions. (15 cents each.)

"Opportunities in Chemistry." By Dr. Maurice J. Kelley. Covers industrial positions. (Mimeographed. 20 cents each.)

"Use Technical Manpower More Efficiently." By Dr. Ed. F. Degering. Suggestions. (20 cents each.)

These reprints may be ordered from the Secretary, The American Institute of Chemists, 60 E. 42nd Street, New York 17, N. Y.

NOPCO

CHEMICALS

SERVE MANY INDUSTRIES

Nopco takes pride in the fact that every Nopco product makes a problem obsolete. This is due to 50 years' experience in the chemicals field and never-ending research over the entire span of time. At your service is the knowledge we have amassed —and highly diversified technical staffs whose work is constantly anticipating the problems of many vital industries.

NOPCO PROCESSING CHEMICALS INCLUDE:

Esters • Ethylene Oxide Condensates Amides • Metallic Soaps • Sulfonates Water Soluble Polymers • Resin and Wax Emulsions • Foamed Plastics

for

Surface Lubrication • Detergency Sizing • Plasticizing • Softening • Emulsifying • Dispersing • Wetting • Defoaming • Thickening

NOPCO

NOPCO CHEMICAL COMPANY

Harrison, New Jersey

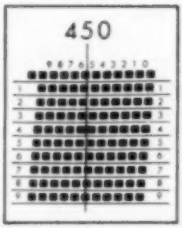
PLANTS:

Harrison, N.J. • Cedartown, Ga.
Richmond, Calif. • London, Canada

Weighing is the heart of all analytical procedure

To keep pace with increased laboratory work loads balance manufacturers have developed balances that weigh faster, are easier to operate and require *no operator technique*. The NEW Christian Becker Model NA-1 single pan, semi-automatic balance provides everything the chemist has wanted. Fast accurate weighings are as easy as 1 - 2 - 3.

1. Place sample on pan, close door, select "rough weighing" beam by rotating knob "A".
2. Weight control knobs "B" are then rotated. Weight indicator lights "C" *indicate if weights have to be added or removed.*
3. Final 1000 mgs., or any part thereof are recorded on new, large, easy to read reticle and vernier, after fine weighing beam is put in use. This ten thousand division optical readout "D" is absolutely unique. It eliminates completely "balance squint." The large number at the top plus the vertical line show that the weight is between .455 and .456 gram. By following the line down, it makes a solid rectangle at "4", thus giving a reading of .4554. This plus the weight recorded on counter "E", gives total weight of sample.



TEN THOUSAND DIVISION OPTICAL READOUT

New, large, easy to read reticle and vernier eliminates Balance Squint.

ANYONE CAN OPERATE THIS BALANCE

It also includes many other features:

- **External zero adjustment—temperature compensation**
- **Oil damping—longer "Pan-to Stirrup" dimension**
- **Exclusive two-beam construction—one for rough weighing—one for fine**
- **Weighing and pilot lights to indicate beam in use**
- **Stainless steel Class M weights**
- **Knobs for weights and beams are at convenient table height**
- **Weight counter, and reticle and vernier are at eye level**

Capacity 200 grams. Sensitivity .1 mg. Readability .05 mg. Catalog #H1830. Price $1,185.00
(4 page bulletin available on request)

HARSHAW

HARSHAW SCIENTIFIC

Division of The Harshaw Chemical Company • Cleveland 6, Ohio

***Sales Branches and Warehouses:* Cincinnati 13, Ohio • Cleveland 6, Ohio • Detroit 28, Michigan Houston 11, Texas • Los Angeles 22, California • Philadelphia 48, Pennsylvania**

***Sales Offices:* Baton Rouge, Louisiana • Oakland 11, California • Buffalo 2, New York Hastings-On-Hudson 6, New York • Pittsburgh 22, Pennsylvania**

See the flow lines occurring on the circumference of the mixing vessel.

the most advanced idea in stirring

PALO IMPELATOR*

For all Laboratory and Industrial stirring purposes — Food processing, oil refining, paint manufacturing, etc.

The Palo Impelator in stirring combines centrifugal force, suction, shearing action and counter current whirl. The upward and downward turbulence is created by the angled conical tubes mounted on the disc. This action creates rapid and efficient mixing – ensures maximum dispersion with minimum particle size.

NEW STIRRING ACTION

IMPELATOR* PRICE LIST

233-D	Stainless steel, disc diameter 2¼" with 6 conical tubes. Mounted with removable stainless steel hexagon nut on ¼" stainless steel rod, 10" long	$19.50
233-E	Same as 233-D except 5/16" stainless steel rod, 16" long	$21.50
233-F	Impelator only same as above, *movable*. Can be locked with knurled adjustable nut at any place on rod. To fit ¼" rod	$18.00
233-G	Same as 233-F to fit 5/16" rod	$18.50

Information on details for your special requirements available on request.

†Prices quoted on request for larger sizes for semi-industrial and manufacturing purposes.

Let Impelator Solve Your Mixing Problems!

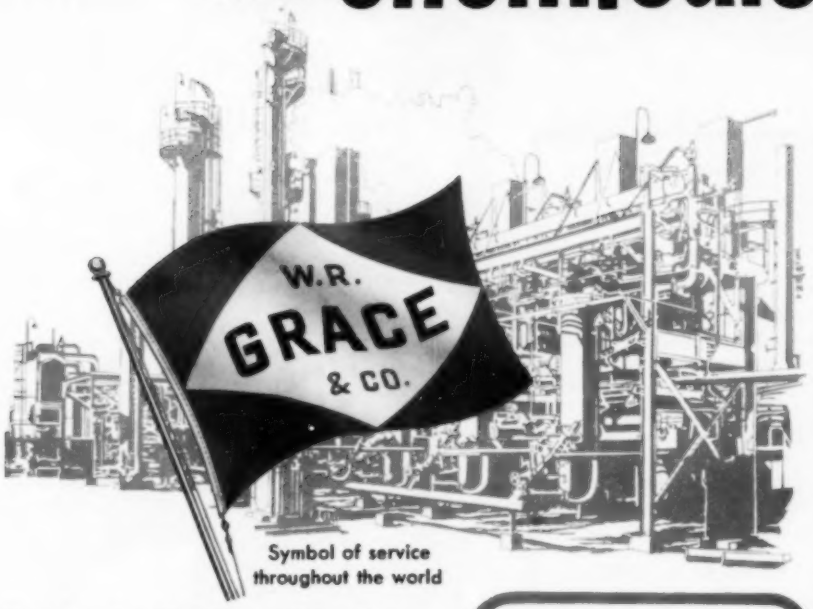
PALO

LABORATORY SUPPLIES, INC.

81 Reade St., New York 7, N.Y.

*U.S. Reg. Name No. 25023

Serving industry ... in chemicals



Symbol of service throughout the world

From Lansing, Michigan, to Baton Rouge, Louisiana, from São Paulo, Brazil, to Hamburg, Germany, W. R. Grace & Co. has erected new plants and laboratories in a dynamic program of expansion in chemicals.

Through seven divisions devoted to chemistry Grace provides industry with a growing variety of essential chemicals and chemical-based products. To meet increasing demands at home and abroad Grace is steadily enlarging its facilities. Among these projects are new plants for the production of petroleum catalysts, CRYOVAC plastic packaging, sealing compounds, and polymer chemicals. Today the facilities of the chemical divisions represent 57% of Grace's net fixed assets.

W. R. GRACE & CO., backed by more than a century of experience in business and industry, continues to move ahead—in chemical processing and manufacturing ... in basic industries throughout Latin America ... in world trade, transportation and finance.

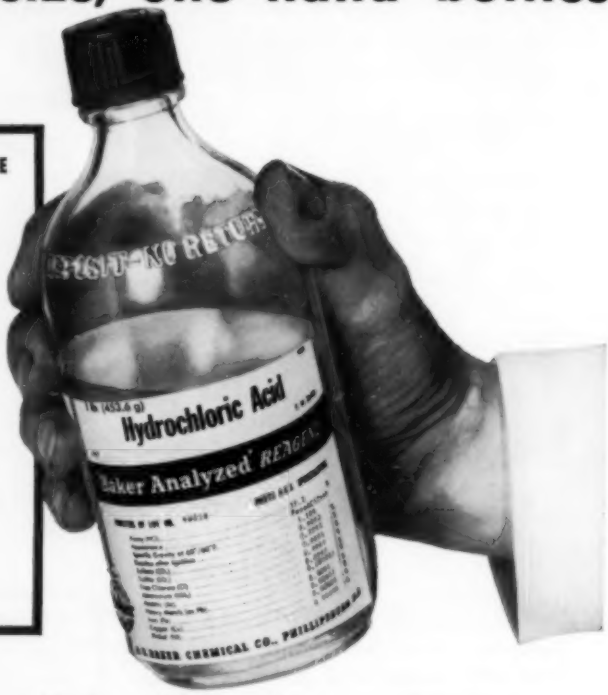
CRYOVAC COMPANY DIVISION
DAVISON CHEMICAL COMPANY DIVISION
DEWEY AND ALMY CHEMICAL COMPANY DIVISION
DEWEY AND ALMY OVERSEAS COMPANY DIVISION
FOSTER AND KLEISER COMPANY DIVISION
GRACE CHEMICAL COMPANY DIVISION
GRACE LINE INC.
GRACE NATIONAL BANK OF NEW YORK
GRACE RESEARCH AND DEVELOPMENT DIVISION
LATIN AMERICAN PAPER AND CHEMICAL GROUP
PACIFIC COAST DIVISION
POLYMER CHEMICALS DIVISION
SOUTH AMERICAN GROUP

W. R. GRACE & CO.

Executive Offices: 7 Hanover Square, New York 5

NOW! 'Baker Analyzed' *REAGENT ACID* in bench-size, "one-hand" bottles

- **NO INCREASE IN PRICE**
- **1 PT. SIZE** for easy handling.
- **READY FOR USE** No transfers from bulk containers.
- **NO DEPOSIT, NO RETURNS** on bottles and cases.
- **TIME-SAVING, MONEY-SAVING** No credit vouchers, no disposal problems.
- **COLOR-MATCHING LABELS AND CAPS** to avoid accidental contamination.
- **FAST AVAILABILITY** from 90 points of service.



And you "Thro-A-Way" the empties!

Reach for the 'Baker Analyzed' Reagent Acid you need. Your hand fits securely around the small 1-pint size bottle. It's light, comfortable to hold, easy to open and won't drip. When the bottle is empty, you toss it away.

Open the Thro-A-Way case, lift out a new bottle, and you're ready to go again. No more starts and stops to refill shelf bottles from heavy bulk containers. When the I.C.C. approved case is empty, you toss it out, too.

RECLAIM EXPENSIVE STORAGE SPACE. Baker Thro-A-Way bottles and cases reduce clutter, simplify your bookkeeping, eliminate the expense of storing and returning empties. Life becomes more pleasant for everyone in your laboratory, and there is an added saving. There is no extra charge for these Thro-A-Way containers and *no increase in the price of the acid.*

ACTUAL LOT ANALYSIS, ACTUAL LOT ASSAY. Read the label in the photograph. Note that purity is defined *to the decimal.*

SMALLER, LIGHTER CASE. 12 bottles instead of 24. Bottles of uniform size hold 1 lb. of Acetic and Hydrochloric Acid and Ammonium Hydroxide, and 2 lbs. of Sulfuric Acid. Nitric Acid is not available in Thro-A-Ways.

For name of your nearest distributor, write or phone

J. T. Baker Chemical Co.
Phillipsburg, New Jersey

Code of Ethics
of
The American Institute of Chemists

THE profession of chemistry has become an increasingly important factor in the progress of civilization, and in the welfare of the community. Chemists are entitled to the position and authority which will enable them to discharge their responsibilities properly and to render effective service to humanity. In order that the honor and dignity of the profession be advanced and maintained, THE AMERICAN INSTITUTE OF CHEMISTS has prepared the following code to define the rules of professional conduct and ethics, binding on its members.

1. Every individual, on entering the profession of chemistry and thereby becoming entitled to full professional fellowship, incurs an obligation to advance the science and art of chemistry, to guard and uphold its high standard of honor, and to conform to the principles of professional conduct.

2. It is the duty of a chemist to bear his part in sustaining the laws, institutions, and burdens of his community.

3. The chemist shall not knowingly engage in illegal work or cooperate with those who are so engaged.

4. A chemist shall carry on his professional work and act in a strict spirit of fairness to employers, contractors, and clients, and in spirit of personal helpfulness and fraternity toward other members of the chemical profession.

5. He shall refrain from associating with or allowing the use of his name by any enterprise of questionable character.

6. Advertising matter containing his name shall be dignified in tone and characterized by due scientific restraint. Such advertising matter shall not contain any statements which may tend to bring himself or his profession into disrepute. Equivocal or false statements, or statements which are liable to mislead shall not be permitted. The use of personal photographs or self-laudatory statements is condemned. If a title is used, it must be definitely characterized.

7. He shall cooperate in upbuilding the profession by exchanging general information and experience with his fellow chemists, and by contributing to the work of technical societies and the technical press, where such information does not conflict with the interests of his client or employer. It is very desirable that the first publication regarding inventions or other scientific advances be made through the technical societies and technical publications and not through the public press. Care shall be taken that credit for technical work be attributed as far as possible to the real authors of the work.

8. If in his opinion, work requested of him by clients or employers seems to present improbability of successful results, he shall so advise before undertaking the work.

9. He shall be conservative in all estimates, reports, testimony, etc., and especially so if these are in connection with the promotion of a business enterprise.

10. He shall not accept compensation, financial or otherwise, from more than one interested party without the consent of all parties concerned, and shall not accept commissions from outside parties on sales to his client or employer without their knowledge. He is, however, in no way debarred from accepting employment from more than one employer where there is no conflict of interests.

11. He shall not use any unfair, improper, or questionable methods of securing professional work or advancement, and shall decline to pay or accept commissions for securing such work.

12. He may use all honorable means in competition to secure professional employment but shall not, by unfair means, injure

directly or indirectly the professional reputation, prospects, or business of a fellow chemist; and shall not attempt to supplant a fellow chemist after definite steps have been taken toward the latter's employment.

13. He shall not knowingly accept employment by a client or employer as substitute while the claim for compensation or damage, or both, of a fellow chemist previously employed by the same client or employer and whose employment has been terminated, remains unsatisfied, or until such claim has been referred to arbitration, or issue has been joined at law, or unless the chemist previously employed has neglected to press his claim legally.

14. He shall be diligent in exposing and opposing such errors and frauds as his special knowledge enables him to recognize.

15. Any infractions of these principles of professional conduct, coming to his attention, shall be reported to the Ethics Committee of THE AMERICAN INSTITUTE OF CHEMISTS.

16. He shall not attempt to compete with a fellow chemist on the basis of professional charges, by reducing his usual charges in order to underbid, after being informed of the charges named by the competitor.

17. He shall not accept any engagement to review the professional work (except journal articles and similar scientific publications, and in litigation) of a fellow chemist without the knowledge of such chemist, or unless the connection of such chemist with the work has been terminated.

18. When undertaking work for a client or employer, he should enter into an agreement regarding the ownership of any and all data, plans, improvements, patents, designs, or other records which he may develop or discover while in the employ of such a client or employer. This agreement should include a restriction of the use of reports for advertising purposes. In the absence of a written understanding the following principles are held to apply:

a If a chemist uses information obtainable only from his client or employer which is not common knowledge or public property, any results in the form of designs, plans, inventions, processes, etc., shall be regarded as the property of the employer.

b If a chemist uses his own knowledge or information or data which by prior publication or otherwise are public property, then the results in the form of designs, plans, inventions, processes, etc., remain the property of the chemist, and the client or employer is entitled to their use only in the case for which the chemist was retained.

c All work and results accomplished by the chemist outside of the field for which he was employed or retained are the property of the chemist.

d Special data or information obtained by a chemist from his client or employer or which he creates as a result of such information, are to be considered confidential, and while it is ethical to use such data or information in his practice as forming part of his professional experience, its publication without permission is improper.

e He shall not suppress information or unduly accentuate statements in reports for the purpose of making gain or profit to himself or others.

19. He shall as far as possible in consulting work fix fees at a point high enough to warrant complete and adequate service. Unreasonably low charges for professional work tend toward inferior and unreliable work. In fixing fees it is proper for him to consider:

a The time and labor involved, the novelty and difficulty of the matter, and the experience and skill necessary.

b Whether the employment precludes other employment in similar lines or will involve the loss of other business while engaging in the particular work.

c Customary charge of chemists for similar services.

d The magnitude of the matter involved, and the benefits resulting to the client from the services.

e The character of the employment, whether casual or for an established and constant client.

20. While it is desirable that chemists engaged in teaching and research should be permitted to use their special knowledge and skill in direct service to individual clients, it is prejudicial to the welfare of the profession for such services to be rendered at rates which ignore ordinary costs of equipment, supplies, and overhead expenses.

21. Having established a fair fee and billed same to a client, he should oppose any effort of a client to have such fee reduced without real and sufficient cause. Wherever compatible with self-respect and the right to receive a reasonable recompense for services rendered, controversies with clients regarding compensation are to be avoided. There should, however, be no hesitation to apply to the courts for redress to prevent injustice, imposition, or fraud.

Constitution and By-Laws

of

The American Institute of Chemists, Inc.

This Constitution consists of the following Articles:

Article I—Name and Objectives
Article II—Membership
Article III—The Council, the Officers, and Manner of Election
Article IV—Board of Directors
Article V—Committees
Article VI—Chapters
Article VII—Amendments
Article VIII—By-Laws

ARTICLE I
Name and Objectives

SECTION 1. The name of this organization shall be THE AMERICAN INSTITUTE OF CHEMISTS, INC., hereinafter referred to as the Institute.

SEC. 2. Its objectives shall be to advance the professions of chemist and chemical engineer in the United States of America.

To this end it will:

(1) Provide and enforce a code of conduct which merits public esteem and justifies confidence in the integrity of the chemist and chemical engineer;

(2) Establish and maintain a standard of proficiency of such excellence as to insure competent and efficient service;

(3) Secure an adequate basic training for these professions and admit to fellowship in the Institute only those of proved education, experience, competency, and character;

(4) Strive to enhance the prestige and distinction of the professions so as to extend their influence and usefulness;

(5) Establish and maintain a register of its membership in which there will be a complete record of the training, experience, and fitness for service of each individual mmeber;

(6) Seek to improve the economic status of the professions by cooperating with employers and the public to secure a satisfactory appreciation and evaluation of the services of the chemist and chemical engineer;

(7) Provide a means for the appropriate recognition of distinguished service to the professions;

(8) Cooperate with all the agencies

serving chemistry to make the professions of chemist and chemical engineer powerful factors in the advancement of intellectual and material progress in the United States of America;

(9) Lend support to the work of the chemical societies in the education of the public to a better appreciation of the contribution of the chemist and chemical engineer to world progress; and

(10) Render such other services to the professions as developments shall warrant and the Institute shall approve.

ARTICLE II
Membership

SECTION 1. The membership of the Institute shall consist of (1) Honorary Members; (2) Life Members; (3) Fellows; (4) Emeritus Fellows; (5) Members; and (6) Associates.

SEC. 2. All members of the Institute shall be citizens of the United States of America.

SEC. 3. Honorary Members shall be persons who by reason of service to the chemical profession or to the public, and by professional accomplishment, have attained unusual distinction in the chemical field. Honorary Members shall be nominted by the Committee on Honorary Membership and elected by the Council.

SEC. 4. Life Members shall be Fellows who have paid such commutation of dues as may be provided by the Council.

SEC. 5. Fellows shall be chemists or chemical engineers who have achieved full maturity in the professions as evidenced by record of outstanding scientific accomplishments or by having attained positions of distinction or responsibility.

SEC. 6. Emeritus Fellows shall be those Fellows who have received this class of membership by action of Council.

SEC. 7. Members shall be chemists or chemical engineers, graduated by accredited institutions, who have made scientific contributions or have acquired responsible positions in their professions.

SEC. 8. Associates shall be graduates, in chemistry or chemical engineering, from accredited institutions, who are seeking a more advanced grade of membership in the Institute. It is expected that the advanced grade will be obtained within five (5) years of the date of election.

SEC. 9. The Council is empowered to consider and accept equivalent qualifications other than those set forth above or indicated in the By-laws.

SEC. 10. Any person desirous of membership in the Institute shall apply therefor in writing on a form approved by the Council. Such application shall be considered by the Committee on Qualifications or Admissions, who shall submit a report thereon to the Council. Approval by the Council shall constitute election of the applicant.

SEC. 11. Honorary Members or Fellows shall have the right to vote on all matters, and Members shall have the right to vote on all matters except amendments to the Constitution. Associates may attend all meetings and may have the privilege of the floor, but shall not have the right to vote.

SEC. 12. Fellows, Members, and Associates shall as a condition of membership be required to pay such dues as may be specified in the By-laws. Delinquency in dues, for such period more than one year as the Council may determine, shall result in the dropping of the member from the Institute.

SEC. 13. Membership of any member may be terminated for cause by a two-thirds vote of the Council after (1) written notice of the charge preferred has been sent to the member by registered mail return receipt requested, (2) an opportunity to answer the same, within a period of not less than four weeks after such notice has been given, has been furnished the member, and (3) an investigation of the charge has been made on behalf of the Council.

ARTICLE III
The Council, The Officers, and Manner of Election

SECTION 1. The administrative assembly of the Institute shall be known as the Council, the membership of which shall be composed of the Officers, nine Councilors-

at-large, a Representative of each Chapter, and the two immediately preceding Past Presidents of the Institute. Only Fellows are eligible to be members of the Council. The Council shall be the policy making body of the Institute, subject to approval by the Board of Directors on all matters pertaining to financial and legal matters.

SEC. 2. The Officers shall be a President and a President-elect elected annually for a one-year term, and a Treasurer and a Secretary elected biannually for terms of two years. No person shall serve as President for more than two full terms.

SEC. 3. The President shall take office at the Annual Meeting immediately following or at which his election took place and shall hold office for one year. The President-elect shall succeed as President whenever a vacancy in the presidency occurs, and shall succeed to the presidency upon termination of the one-year term of the President. The Treasurer and Secretary shall take their respective offices at the Annual Meeting immediately following or at which their election took place and shall hold office for two years or until their successors qualify.

SEC. 4. The nine Councilors-at-Large shall be elected to terms of three years, so chosen that one-third of their number shall be elected each year. Councilors-at-Large shall not be eligible to serve more than two successive terms.

SEC. 5. Each Chapter of the Institute shall be entitled to name one Representative to the Council, said Representative to be elected annually at the Chapter elections, and to designate an alternate to attend any meeting which the elected Chapter Representative is unable to attend.

SEC. 6. Members of the Council shall take office at the Annual Meeting immediately following their election and shall hold office until their successors have been elected and installed. Vacancies among the Officers or Councilors-at-Large shall be filled by the Council, such appointee to serve until the next normal election time or until his successor is elected.

SEC. 7. The Council shall be empowered to elect or appoint other officials, agents or employees as may be necessary for the proper conduct of the affairs of the Institute.

ARTICLE IV
Board of Directors

SECTION 1. The Legal Representative of the Institute shall be the Board of Directors, composed of the four Officers, the immediate Past President, and the nine Councilors-at-Large, elected or appointed as hereinabove set forth.

SEC. 2. The Board of Directors shall have charge of the property, financial affairs of and all legal matters affecting the Institute, and shall perform such other duties as are prescribed by law.

SEC. 3. The Board of Directors at their first meeting each year shall elect a Chairman who shall preside at all meetings of the Board.

ARTICLE V
Committees

SECTION 1. There shall be the following regular committees:

Honorary Membership
Nominations
Professional Education
Qualifications or Admissions
Ethics
Legislation Affecting Chemists or Chemical Engineers
Gold Medal Award

SEC. 2. The Committee on Honorary Membership shall be appointed by the President and shall consist of himself, two members of the Council and two Honorary Members.

SEC. 3. The Committee on Nominations shall consist of the President, President-Elect, the Secretary and the Chairmen of all of the local Chapters.

SEC. 4. The Committee on Professional Education, Qualifications or Admissions, Ethics, and Legislation Affecting Chemists and Chemical Engineers, shall be appointed by the President with the consent of the Council, each of which shall consist of five members, three of whom shall be members of the Council at the time of appointment.

SEC. 5. The Committee on Gold Medal Award shall consist of the President, the three immediately preceding Past Presidents, and the Secretary. The senior Past President member of the Committee shall be the Chairman thereof and the Secretary shall be the Secretary of the Committee.

SEC. 6. Other committees may be established by the President with the consent of Council.

SEC. 7. The President shall be a member ex officio of all committees other than the Committee on Honorary Membership, Committee on Nominations, and the Committee on Gold Medal Award.

ARTICLE VI
Chapters

SECTION 1. Local Chapters may be established by the Council on written request of ten Fellows residing in the territory in which the local chapter is desired. Each chapter shall elect its own officers and provide such rules for its government as are not inconsistent with the Constitution and By-laws of the Institute and the general Constitution and By-laws for local chapters approved by the Council.

SEC. 2. The local Chapters shall receive for local use such portion of the annual dues paid by their members as may be authorized by the Board of Directors.

SEC. 3. Each chapter shall use its best efforts to attain the objectives of the Institute and shall not use chapter dues in any manner prejudicial to the interests of the Institute.

SEC. 4. Any local chapter may be dissolved by the Council when such action shall be deemed to be for the benefit of the Institute. If the local chapter is incorporated, local officers and/or members of local chapter shall dissolve such corporation upon dissolution of the local chapter without liability to the Institute.

ARTICLE VII
Amendments

SECTION 1. The Secretary shall submit to the Fellows any proposal to amend the Constitution of the Institute which shall be proposed by twenty-five or more Fellows of the Institute in good standing, or by the Council.

SEC. 2. All such proposals to amend shall be submitted in writing to the Secretary of the Institute who in turn shall submit them to the Membership for letter ballot. Ballots shall be valid only if received by the Secretary within thirty days from the date of mailing. Approval by three-quarters of the valid votes cast shall be necessary for ratification.

ARTICLE VIII
By-Laws

SECTION 1. The Council is empowered to adopt such By-laws for the proper government of the affairs of the Institute as do not conflict with this Constitution.

SEC. 2. A By-law must be approved by a majority of those present at two successive Council meetings to become effective. Notice of proposed changes of the by-laws must be incorporated in the call for the second of such Council meetings.

BY-LAWS

These by-laws consist of the following Articles:

Article I—Duties of Officers

Article II—Nomination and Election of Officers and Councilors-at-Large

Article III—Council

Article IV—Board of Directors

Article V—Audit

Article VI—Membership

Article VII—Use of Title of Honorary Member, Fellow and Member

Article VIII—Dues

Article IX—Forfeiture of Membership and Reinstatement

Article X—Meetings of the Institute

Article XI—Quorum

Article XII—Committees
Article XIII—The Gold Medal of The American Institute of Chemists
Article XIV—Student Awards of The American Institute of Chemists
Article XV—Charters to Local Chapters
Article XVI—The Chemist
Article XVII—Order of Business
Article XVIII—Amendments

ARTICLE I

Duties of Officers

Section 1. The President shall preside at all meetings of the Council and of the Institute. He shall call meetings of the Institute or of the Board of Directors, or of the Council when he deems it necessary, or on written request of at least three of the Directors for a meeting of the Board of Directors, or at least five members of the Council for a meeting of the Council, or of twenty-five Fellows of the Institute for a meeting of the Institute.

Sec. 2. In the absence of the President, the President-Elect, or other member of the Council designated by the Council shall preside.

Sec. 3. The Secretary shall keep a complete roll of members and shall notify members of their election. He shall keep a record of the proceedings of the meetings of the Institute, of the Council, and of the Board of Directors, and a record of all other matters of which a record shall be ordered by the Council or the Board of Directors. He shall conduct the correspondence of the Institute under the direction of the President or Chairman of the Board. He shall notify the officers and all members of Committees of their election or appointment, shall issue notices of meetings, and in case of special meetings, shall add a brief note of the object of the call.

Sec. 4. The Treasurer shall collect all monies due the Institute and make disbursements only as authorized by the Board of Directors. He shall have custody of Institute funds, and shall keep regular accounts in books belonging to the Institute which shall be open to the inspection of any member of the Council at all times.

ARTICLE II

Nomination and Election of Officers and Councilors-at-Large

Section 1. Nomination blanks shall be sent by the Secretary to all members at least sixty days preceding each Annual Meeting. These blanks shall indicate the positions to be filled, and must be returned within fourteen days after the date of mailing. The returned blanks shall be canvassed by two tellers (appointed for that purpose by the President), who shall certify the list of nominees to the Secretary.

Sec. 2. For the election of officers, the Secretary shall prepare and send to each member, at least thirty days before the Annual Meeting, a ballot containing a list of three nominees for each position to be filled, arranged in the order of the number of nominating votes. For the election of Councilors-at-Large the ballot shall contain the names of nominees in twice the number to be elected for each group to be filled, arranged in order of the number of nominating votes. Ballots must be returned within twenty days after the date of mailing.

Sec. 3. The ballot shall be counted by two tellers (appointed for that purpose by the President) and the results shall be certified to the Council. The person receiving the highest number of votes for each position shall be declared elected. In case of a tie vote the decision shall be made by ballot at the Annual Meeting.

ARTICLE III

Council

Section 1. The Council shall meet at least four times a year in addition to meeting at the Annual Meeting. Notice of the meeting of the Council shall be sent to each member of the Council at his last known address. Such notice shall contain a concise statement of the business to be transacted. The Council shall report to the Institute at each Annual Meeting.

Sec. 2. Special meetings of the Council shall be called by the President at his discretion, or when at least five members of the Council so request. In lieu of a special meeting of the Council, the President may submit any question to the Council for vote by correspondence, and

any action approved in writing by not less than two-thirds of the whole membership of the Council shall be declared by the President an act of the Council and shall be recorded in the minutes of the Council.

SEC. 3. The chapter representative to the Council shall present to and advocate before said Council all matters submitted by the chapter for such presentation. The representative shall make a full report of such Council actions as are of interest to the chapter at each business meeting of the chapter.

SEC. 4. Any member of the Council who shall be absent for three successive meetings without satisfactory excuse in writing shall be declared by the Council to have vacated the office at its next subsequent regular meeting and the Council shall immediately appoint another member of the Institute to fill the office thus vacated until the next Annual Meeting. Any vacancy created by the failure of a chapter representative to attend meetings herein provided shall be filled by the chapter appointing another member.

ARTICLE IV
Board of Directors

SECTION 1. The Board of Directors shall manage the finance and legal matters of the Institute and transact business for and on behalf of the Institute. It shall adopt an annual budget, keep a record of its proceedings and authorize disbursements by the Treasurer. It shall report to the Institute at each Annual Meeting.

SEC. 2. Meetings of the Board of Directors shall be held at the call of the President of the Institute or any three directors. For all meetings of the Board of Directors notice shall be given by the Secretary to the members of the Board at least one week prior to the date of the meeeting and the notice of the meeting or meetings shall contain a statement of the business to be transacted.

SEC. 3. The Board shall have an Executive Committee consisting of the President, President-elect, Secretary, and Treasurer. This committee shall be empowered to act for the Board between Board meetings.

ARTICLE V
Audit

SECTION 1. The fiscal year of the Institute shall end with the thirtieth day of April of each year.

SEC. 2. The accounts of the Institute shall be audited by two auditors appointed by the Council, who shall report at each Annual Meeting. The books and accounts shall be submitted by the treasurer for audit at least three days preceding the date of the Annual Meeting.

ARTICLE VI
Membership

SECTION 1. The Following qualifications shall be used by the Committee on qualifications as a guide in their consideration of membership applications. It should be understood that the essential qualifications for membership in the Institute and the differentiation between grades of membership is professional maturity. The requirements stated below are not necessarily the sole index of this:

SEC. 2. A candidate for Fellow should have successfully completed four years of collegiate work in chemistry or chemical engineering in an educational institution acceptable to the Council, and in addition have completed ten years of progressive experience and responsibility in the practice of the profession, satisfactory to the Council.

SEC. 3. A candidate for Member should have successfully completed four years of collegiate work in chemistry or chemical engineering in an educational institution acceptable to the Council and in addition have had four years of progressive experience and responsibility in the practice of the profession, satisfactory to the Council.

SEC. 4. A candidate for Associate should have successfully completed four years of college work in chemistry or chemical engineering in an educational institution acceptable to the Council.

SEC. 5. Postgraduate study is important and therefore, each year of successfully completed postgraduate studies in chemistry or chemical engineering, to a maxi-

mum of three years, may be considered as equivalent to an equal amount (or maximum of four years) of progressive experience in the qualifications for membership as Fellow or Member.

SEC. 6. Fellows having twenty-five years or more of membership or having reached the age of sixty-five and having at least ten years of membership in the Institute upon retirement from professional activity may, at their request and by action of Council, be given the status of Emeritus Fellows and shall be continued on the rolls and receive THE CHEMIST without payment of dues.

ARTICLE VII
Use of Title of Honorary Member, Fellow, and Member

SECTION 1. Honorary Members of the Institute shall be entitled to describe themselves as Honorary Members of THE AMERICAN INSTITUTE OF CHEMISTS (Hon. A. I. C.). Life Members and Fellows of the Institute shall be entitled to describe themselves as Fellows of THE AMERICAN INSTITUTE OF CHEMISTS (F. A. I. C.), and Members as Members of THE AMERICAN INSTITUTE OF CHEMISTS (M. A. I. C.).

ARTICLE VIII
Dues

SECTION 1. The following shall be the annual dues: Fellows, $12.50; Members, $9.00; Associates $4.00. These dues include the subscription fee for THE CHEMIST.

SEC. 2. The fee for Life Members shall be $150.00. This fee shall include a life subscription to THE CHEMIST.

SEC. 3. Honorary Members shall be exempt from annual dues and shall be entitled to receive THE CHEMIST free of charge.

SEC. 4. Life Members, Fellows and Members, when elected, shall be entitled to a certificate setting forth that he or she is a Life Member, Fellow, or Member of the Institute, but no certificate shall be issued in advance of the receipt of dues for the current year. Certificates of Membership must be returned to the Council upon termination of membership for any cause except death.

ARTICLE IX
Forfeiture of Membership and Reinstatement

SECTION 1. Any Fellow or Member shall be dropped from the roll for failure to pay dues within one year after they become due, provided that no such member shall be dropped unless an appropriate notice has been sent by registered mail, return receipt requested, to the member at his or her last known address by the Treasurer of the Institute, and the member shall fail to pay back dues within a period of four weeks from the date of such notice.

SEC. 2. A person whose membership shall have been forfeited for nonpayment or dues or other sum due to the Institute may be reinstated on such terms and conditions as the Council may impose.

ARTICLE X
Meetings of the Institute

SECTION 1. There shall be a regular Annual Meeting of the Institute at such time and place as shall be determined by the Council or by vote of the Institute.

SEC. 2. Notice of each Annual Meeting of the Institute shall be sent to each member at his or her last known address at least thirty days before each meeting .

SEC. 3. Other meetings of the Institute may be held as provided by the Council, to promote the purposes of the Institute, or as provided in Article I, Section I of these By-Laws.

SEC. 4. Chapter meetings may be held as may be provided by their own regulations.

ARTICLE XI
Quorum

SECTION 1. Twenty-five Fellows and Members of the Institute shall constitute a quorum for the transaction of any business duly presented at any regularly called meeting of the Institute.

SEC. 2. Five Members of the Council shall constitute a quorum of the Council.

SEC. 3. Seven Directors shall constitute a quorum for all meetings of the Board of Directors.

ARTICLE XII
Committees

SECTION 1. The Committee on Honorary Membership shall report to the Council at least once each year, and shall from time to time present to the Council candidates for Honorary Membership. Nominations shall be so made as to maintain a level of living Honorary Members at between one and two per cent of the total Institute membership. The Council shall elect, after considering the report of the Committee, those who are to become Honorary Members.

SEC. 2. The Committee on Nominations shall notify the Secretary of the Institute at least ninety days before each Annual Meeting of such Fellows as in its opinion are qualified for each office and councilorship-at-large to be filled at the next Annual Meeting. The Secretary of the Institute shall accompany each nomination blank with a list of such proposed names, with notice that they have been suggested by the Committee on Nominations.

SEC. 3. The Committee on Professional Education shall study curriculum and accrediting systems and shall submit their recommendations to Council.

SEC. 4. The Qualifications or Admissions Committee shall consider the qualifications of applicants for membership in the Institute and shall report to the Council with recommendations.

SEC. 5. The Committee on Ethics shall consider such changes as may be desirable in the Code of Ethics, shall investigate all alleged infractions of such code and shall present a full statement of findings in each instance of alleged infraction to the Council.

SEC. 6. The Committee on Legislation Affecting Chemists or Chemical Engineers shall study all such legislation which comes to its attention and shall report thereon to Council at least thirty days before each Annual Meeting.

SEC. 7. The duties of all other committees shall be those indicated by the title or by the resolutions under which such committee was constituted.

ARTICLE XIII
The Gold Medal of the American Institute of Chemists

SECTION 1. A Gold Medal may be presented by THE AMERICAN INSTITUTE OF CHEMISTS under the conditions hereinafter set out. This medal shall be known as The Gold Medal of THE AMERICAN INSTITUTE OF CHEMISTS. The date of the founding of the medal shall be 1925, and the founding shall be for the purpose of stimulating activities of service to the science of chemistry or the profession of chemist or chemical engineer.

SEC. 2. Three members of the Committee on Gold Medal Award shall constitute a quorum. Each member shall have one vote. The vote shall be cast by ballot. No votes shall be cast by proxy, but the votes may be taken by mail.

SEC. 3. The award shall be made by a majority vote of the Committee. It shall be made for noteworthy and outstanding service to the science of chemistry or the profession of chemist or chemical engineer in the United States of America.

SEC. 4. The Committee shall meet upon call of the Chairman.

SEC. 5. The Committee shall have power to decide any question or questions not specifically covered by these rules.

ARTICLE XIV
Student Awards of The American Institute of Chemists

SECTION 1. Medals of bronze or other suitable metal may be presented by the Institute under the conditions set forth hereinafter. These medals shall be known as the Student Awards of THE AMERICAN INSTITUTE OF CHEMISTS and be given in recognition of potential advancement of chemistry or chemical engineering as a profession on the basis of the student's record. Emphasis will be given to demonstrated leadership ability and character with high scholastic standing.

SEC. 2. These awards shall be made by the Council upon the recommendation of the respective Chapters.

SEC. 3. The award shall be to a senior who is majoring in chemistry or chemical

engineering at an educational institution acceptable to the Council.

SEC. 4. Not more than one award by a Chapter shall be conferred in a department of chemistry or chemical engineering in a single year except by vote of the Council on the formal recommendation properly documented by the Chapter.

SEC. 5. The recipient of the award in each educational institution shall be recommended from the graduating class thereof by the chemistry or chemical engineering faculty to the respective Chapter, which is in the same geographical area as the institution. The basis of selection shall combine leadership ability, character and high scholastic standing.

SEC. 6. Presentation of the award shall be made by the Chapter, preferably following a general practice outlined from time to time by the Council.

ARTICLE XV
Charters to Local Chapters

SECTION 1. The Council is empowered to grant local Chapters, now existing or hereafter established, a Charter in a form approved by the Council and is also empowered to revoke any Charter for failure of the local Chapter to comply with the provision of the Constitution and/or the By-laws of the Institute.

ARTICLE XVI
The Chemist

SECTION 1. The official publication of the institute shall be called THE CHEMIST. The Editor shall be appointed by the Council.

SEC. 2. THE CHEMIST shall be issued monthly.

SEC. 3. Subject to the provisions of Article VIII, the subscription fee to the THE CHEMIST shall be two dollars ($2.00), a year for Institute members and three dollars ($3.00) a year for other subscribers.

ARTICLE XVII
Order of Business

SECTION 1. At all regular meetings of the Council and of the Institute the order of business shall be as follows:

a. Approval of minutes of previous meeting
b. Report of Secretary
c. Report of Treasurer
d. Report of Committees
e. Unfinished business
f. Special business
g. New business

SEC. 2. The rules of parliamentary procedure contained in Robert's Rules of Order shall govern all meetings of the Council and Institute.

ARTICLE XVIII
Amendments

SECTION 1. These By-Laws may be amended as provided in Section 2, Article VIII of the Constitution.

THE AMERICAN INSTITUTE OF CHEMISTS, INC.

60 East 42nd Street **New York 17, N. Y.**

Founded January 22, 1923; Incorporated May 5, 1926

OFFICERS 1957-1958

President
DR. HENRY B. HASS

President-elect
DR. EMIL OTT

Secretary
DR. LLOYD VAN DOREN

Treasurer
DR. FREDERICK A. HESSEL

COUNCILORS AT LARGE

Term Expires 1958	Term Expires 1959	Term Expires 1960
Dr. Lloyd A. Hall	Dr. S. D. Kirkpatrick	Dr. J. A. Bjorksten
Dr. A. W. Fisher, Jr.	Dr. Donald B. Keyes	Dr. C. H. Fisher
Dr. George L. Royer	Dr. Harry L. Fisher	Karl M. Herstein

PAST PRESIDENTS

Horace G. Byers (1923-24)
M. L. Crossley (1924-26)
Treat B. Johnson (1926-28)
Frederick E. Breithut (1928-32)
Henry G. Knight (1932-34)
M. L. Crossley (1934-36)
Maximilian Toch (1936-38)
Robert J. Moore (1938-40)
Harry L. Fisher (1940-42)
Gustav Egloff (1942-46)
Foster D. Snell (1946-48)
Lawrence Flett (1948-52)
Lincoln T. Work (1952-54)
Donald B. Keyes (1954-55)
Ray P. Dinsmore (1955-56)
John H. Nair (1956-57)
Henry B. Hass (1957-58)

CHAPTER REPRESENTATIVES

Alabama: Dr. E. B. Carmichael
Baltimore: Dr. Albin H. Warth
Chicago: Bernard E. Schaar
Louisiana: Harold A. Levey
New England: George H. Taft
New Jersey: Dr. Max Bender
New York: Dr. Murray Berdick
Niagara: Dr. J. H. Bruun
Ohio: Dr. David M. Gans
Pennsylvania: Hillary Robinette, Jr.
Twin City: Dr. John L. Wilson
Washington: Dr. Carl J. Wessel
Western: Richard M. Fullaway

The Emblem of the AIC

The emblem was designed by the late Dr. D. D. Berolzheimer, F.A.I.C. It encloses an alchemistic symbol meaning "the essential thing" within a circle to indicate "all embracing." Pins, buttons, or keys bearing this emblem may be purchased by members of the AIC through the Secretary's Office.

CHAPTERS

Alabama

Chairman, Dr. Charles E. Feazel *Secretary,* Martin B. Williams
Treasurer, William C. Ingersoll
National Council Representative, Dr. Emmett B. Carmichael

Baltimore

Chairman, Edward S. Hauber, S. J. *Vice-Chairman,* Raymond C. Crippen
Secretary-Treasurer, Miss Dorothy F. T. Rice
National Council Representative, Dr. Albin H. Warth

Chicago

Chairman, Dr. Harold M. Coleman *Chairman-Elect,* Albert S. Henick
Vice-Chairman, John Krc, Jr. *Secretary,* Miss Rose Marie Brunetti
Treasurer, Dr. C. A. Johnson *National Council Representative,* Bernard E. Schaar

Louisiana

Chairman, C. L. Hoffpauir *Vice-Chairman,* Dr. W. R. deMonsabert
Secretary-Treasurer, Mack F. Stansbury
National Council Representative, Harold A. Levey

New England

Chairman, J. Horace Faull, Jr. *Vice-Chairman,* Dr. John T. Blake
Secretary-Treasurer, Dr. Albert E. Frost, Jr.
National Council Representative, George H. Taft

New Jersey

Chairman, Dr. W. R. Sullivan *Chairman-Elect,* Dr. Lawrence T. Eby
Secretary, Dr. John F. Mahoney *Treasurer,* Dr. Curt Bamberger
National Council Representative, Dr. Max Bender

New York

Chairman, Dr. Ernest I. Becker *Chairman-Elect,* George Foy
Secretary, Dr Kurt S. Konigsbacher *Treasurer,* Shepherd Stigman
National Council Representative, Dr. Murray Berdick

Niagara

Chairman, Dr. Maurice H. Fleysher *Chairman-Elect,* Clarence A. Weltman
Secretary, Dr. Paul H. Margulies *Treasurer,* Ray F. Seifert
National Council Representative, Dr. J. H. Bruun

Ohio

Chairman, Donn F. Siddall *Chairman-Elect,* Dr. Joseph H. Koffolt
Secretary-Treasurer, Dale F. Behney
National Council Representative, Dr. David M. Gans

Pennsylvania

Chairman, Marcus Sittenfield *Secretary,* Dr. Tony M. Immediata
Treasurer, John H. Staub *National Council Representative,* Hillary Robinette, Jr.

Twin City

Chairman, Albert C. Holler *Chairman-Elect,* Morris Kenigsberg
Secretary, Harold A. Johnson *Treasurer,* Dr. Joseph F. Abere
National Council Representative, Dr. John L. Wilson

Washington

President, Dr. Carl J. Wessel *Vice-President,* Albert F. Parks
Secretary, Frederick S. Magnusson *Treasurer,* Albert P. Mathers
National Council Representative, Dr. Carl J. Wessel

Western

Chairman, Alfred J. Webber *Chairman-Elect,* Thomas J. Kehoe
Treasurer, Charles W. Henning *Senior Secretary,* Paul C. Ressler, Jr.
Junior Secretary, Quentin H. Coffman
National Council Representative, Richard M. Fullaway

THE GOLD MEDAL

of The American Institute of Chemists

"For noteworthy and outstanding service to the science of chemistry or the profession of chemist in America."

Awarded for 1958 to
LAWRENCE FLETT

Past Medalists

1926 William Blum
1927 Lafayette B. Mendel
1929 Mr. and Mrs. Francis Patrick Garvan
1930 George Eastman
1931 Andrew W. and Richard B. Mellon
1932 Charles H. Herty
1933 Henry C. Sherman
1934 James Bryant Conant
1936 Marston Taylor Bogert
1937 James F. Norris
1938 Frederick G. Cottrell
1940 Gustav Egloff
1941 Henry G. Knight
1942 William Lloyd Evans
1943 Walter S. Landis
1944 Willard H. Dow
1945 John W. Thomas
1946 Robert P. Russell
1947 Moses L. Crossley
1948 Charles A. Thomas
1949 Warren K. Lewis
1950 Walter J. Murphy
1951 Harry N. Holmes
1952 Fred J. Emmerich
1953 J. C. Warner
1954 William J. Sparks
1955 Carl S. Marvel
1956 Raymond Stevens
1957 Roy C. Newton

Honorary Members

	Year of Award
John J. Abel	1928*
Roger Adams	1949
Jerome Alexander	1951
Otto P. Amend	1935*
Leo H. Baekeland	1931*
Wilder D. Bancroft	1937*
Arnold O. Beckman	1957
William Blum	1949
Marston T. Bogert	1945*
Frank G. Breyer	1949
William W. Buffum	1937*
Horace G. Byers	1954*
Charles F. Chandler	1923*
Frank W. Clarke	1928*
James B. Conant	1949
M. L. Crossley	1948
Francis J. Curtis	1953
Ray P. Dinsmore	1953
Gustav Egloff	1948*
Fred J. Emmerich	1952
Gustavus J. Esselen	1949*
William Lloyd Evans	1949*
Harry L. Fisher	1949
Lawrence Flett	1957
William Foster	1936*
Edward C. Franklin	1931*
Moses Gomberg	1936*
William E. Hanford	1957
Joel H. Hildebrand	1957
Arthur J. Hill	1952
Harry N. Holmes	1951
James Kendall	1928
Sidney D. Kirkpatrick	1952
Harold A. Levey	1958
George C. Lewis	1937*
Warren K. Lewis	1949

	Year of Award
Paul D. V. Manning	1954
Carl S. Marvel	1955
Harry B. McClure	1956
John E. McKeen	1952
William McPherson	1931*
A. Cressy Morrison	1937*
Charles E. Munroe	1924*
Walter J. Murphy	1950
R. Lindley Murray	1953
Roy C. Newton	1956
W. George Parks	1956
Charles L. Parsons	1948*
William T. Read	1948
E. Emmet Reid	1945
Ira Remson	1924*
Robert P. Russell	1949
Bernard E. Schaar	1958
Alexander Schwarcman	1949
Glenn T. Seaborg	1952
Henry C. Sherman	1949*
Alexander Silverman	1951
Edgar F. Smith	1924*
William J. Sparks	1954
Raymond Stevens	1956
Robert E. Swain	1950
Charles A. Thomas	1949
John W. Thomas	1949*
Maximilian Toch	1944*
Ernest H. Volwiler	1952
William H. Walker	1933*
John C. Warner	1953
E. R. Weidlein	1948
Milton C. Whitaker	1954
Walter G. Whitman	1953
Harvey W. Wiley	1928*
James R. Withrow	1948*

* Deceased

DIRECTORY OF MEMBERS

Aalto, Toivo R., Dr. (F-1947) Assistant to the Vice President, Heyden Newport Chemical Corp., New York 17, N. Y.; Mail: 243 N. Pleasant Ave., Ridgewood, N. J.

Aaronson, Henry A. (F-1928) Consultant, Picatinny Arsenal, Dover, N. J.; Mail: 414 W. Blackwell St., Dover, N. J.

Abbott, George A., Dr. (F-1932) Consulting Chemist & Toxicologist, University Station, Grand Forks, N. D.; Mail: 505 Hamline St., Grand Forks, N. D.

Abel, James E. (M-1950) Research Chemist, Ord. Corps. Dept. of the Army, Picatinny Arsenal, Dover, N. J.; Mail: 2899 West Shore Trail, P. O. Box Box 638, Sparta, N. J.

Abere, Joseph F., Dr. (F-1941) Research Chemist, Minnesota Mining & Mfg., Co. St. Paul, Minn.; Mail: 2053 Floral Dr., Gardenette Pk., White Bear Lake 10, Minn.

Abernethy, Raymond J. (F-1943) Toxicologist, Los Angeles County Coroners Office, 100 Hall of Justice, Los Angeles 12, Calif.

Abramowitz, William L. (F-1948) President, Carlon Products Corp., 10225 Meech Ave., Cleveland 5, Ohio.

Abson, Gene (F-1938) Director, Chief Chemist. Chicago Testing Lab., Inc., 536 Lake Shore Dr., Chicago 11, Ill.

Acaster, Horace D. (F-1928) Director of Indust'l. Relations, Organic Chemical Div., American Cyanamid Co., Bound Brook, N. J.

Adams, Frederick W., Dr. (F-1950) Director of Research-chemistry, Central Research & Engineering Div., Continental Can Co., Chicago 20, Ill.; Mail: 269 S. Prospect Ave., Clarendon Hills, Ill.

Adams, George A. (F-1950) Director, The Adams Laboratory, 255 S. 17th St., Philadelphia 3, Pa.

Adams, Julia A. (A-1956) Biochemistry Research Assistant, Ben May Laboratory for Cancer Research, 950 E. 59th St., Chicago, Ill.; Mail: 6106 S. Ingleside Ave., Chicago 37, Ill.

Adams, Roger, Dr. (Hon-1948) Professor emeritus. University of Illinois, Urbana, Ill.

Adler, Howard, Dr. (F-1939) 7012 South Shore Dr., Chicago 49, Ill.

Aepli, Otto T. (F-1956) Head, Analytical Sec., Pennsalt Chemicals Corp., 4655 Biddle Ave., Wyandotte, Mich.; Mail: 13329 Veronica Dr., Wyandotte, Mich.

Aeschlimann, J. A., Dr. (F-1957) Vice President in charge of Chemical Research, Hoffmann-LaRoche, Inc., Nutley 10, N. J.

Ahrens, Rolland William (A-1954) Graduate Student, University of Wisconsin, Madison, Wis.; Mail: 5110 Shore Acres Rd., Madison 4, Wis.

Albanese, Anthony A., Dr. (F-1948) Director of Research, St. Luke's Hospital, New York, N. Y.; Mail: 90 Harrison Ave., Harrison, N. Y.

Albert, Elihu D. (F-1948) Director of Technical Service, M. J. Merkin Paint Co., Inc., 1441 Broadway, New York, N. Y.; Mail: 69 Heatherboom Rd., White Plains, N. Y.

Albert, John R. (M-1943) No. Delsea Dr., Millville, N. J.

Albert, Norman E. (A-1954) Graduate Student, California Institute of Technology, Department of Chemitsry, 1201 East California St., Pasadena 4, Calif.

Albrecht, John R. (F-1957) Coordinator, Miller & Co., Selma, Ala.; Mail: 710 7th Ave., Selma, Ala.

Albright, Paul (F-1941) Research Chemist, Cornelius Wax Refining Co., Box D, Dunellen, N. J.; Mail: 10 New Amwell Rd., Somerville, N. J.

Albright, Penrose S., Dr. (F-1938) Head of Physics Dept., University of Wichita, Wichita 14, Kansas; Mail: 220 N. Terrace Drive, Wichita 8, Kan.

Aldag, Charles A. (A-1954) Technical Representative, Archer-Daniels-Midland Co., Pittsburgh 34, Pa.; Mail: 1667 Skyline Dr., Pittsburgh 27, Pa.

Alessandroni, Hugh V. (F-1952) Assistant Technical Director, National Lead Co., Titanium Div., P.O. Box 58, South Amboy, N. J.

Alexander, Jerome (Hon-1927) Apt. 12 AF, 390 Riverside Dr., New York 25, N. Y.

Alexander, Kliem, Dr. (F-1957) Supervisor of Chemical Research, The Masonite Corp., Laurel, Mississippi;

Mail: Route #2, Laurel, Miss.

Alikonis, Justin (F-1946) Director, The Al-Chem Lab., Inc., 702 E. Locust St., Bloomington, Ill.

Allard, Romeo P., Dr. (F-1947) Chairman, Chemistry Dept., Loyola University, 7101 W. 80th St., Los Angeles 45, Calif.

Allen, Austin O. (F-1935) Vice President, Vita-Var Corp., 10 Commerce Court, Newark, N. J.; Mail: De Kalb Junction, N. Y.

Allen, Edward R., Dr. (F-1936) Research Specialist, Rutgers University, School of Chemistry, New Brunswick, N. J.

Allen, Milton J., Dr. (F-1955) Director of Physical Research, CIBA, 556 Morris Ave., Summit, N. J.

Allen, Paul Jr., Dr. (F-1936) Professor of Chemistry, Stevens Institute of Technology, Hoboken, N. J.

Allen, Robert A. (F-1942) Plant Manager, Nuodex Products Co., 1 Virginia St., Newark, N. J.

Alley, Bernard J. (M-1957) Chemist, Rocket Development Labs., Redstone Arsenal, Huntsville, Ala.; Mail: 403 E. 7th St., Huntsville, Ala.

Allison, James B., Dr. (F-1940) Director, Bureau of Biological Research, Rutgers University, New Brunswick, N. J.

Allison, Vernon C. (F-1923) Consultant, 204 Brunswick Ave., Lambertville, N. J.

Alnutt, Donald B. (F-1956) Technical Director, Graphic Arts Div., Philip A. Hunt Co., Palisades Park, N. J.

Alstadt, D. M. (F-1952) Head, Central Research, Lord Mfg. Co., Erie, Pa.; Mail: 721 Rosedale Ave., Erie, Pa.

Althausen, Darrell,. Dr. (F-1955) Vice-Pres. & Tech. Dir., Ungerer & Co., Inc., Totowa, N. J.; Mail: 2 South Brookwood Dr., Montclair, N. J.

Althouse, Harlan E. (F-1948) Chief Paint & Varnish Chemist, L. Sonneborn Sons, Inc., Belleville, N. J.; Mail: 80 Greenlawn Ave., Clifton, N. J.

Amante, Gene D. (A-1953) Industrial Representative, General Petroleum Corp., Los Angeles 54, Calif.; Mail: 1900 Harkness, Manhattan Beach, Calif.

Amick, Chester A. (F-1935) Patent Chemist, American Cyanamid Co., Bound Brook, N. J.; Mail: 121 E. Maple Ave., Bound Brook, N. J.

Amos, Wayne R. (A-1956) Graduate Student, Ohio University, Chemistry Dept., Athens, Ohio.

Amsz, Joseph Jr. (F-1955) Director, Special Products Lab., Red Star Yeast & Products Co., Milwaukee 8, Wis.; Mail: 3628 N. 93rd St., Milwaukee 16, Wis.

Anders, Oswald U., Dr. (A-1952) Radiochemistry Lab., Dow Chemical Co., Midland, Mich.

Anderson, Bjorn (F-1953) Vice President & General Mgr., Plastics Div., Celanese Corp. of America, 180 Madison Ave., New York, N. Y.; Mail: 38 Park Rd., Maplewood, N. J.

Anderson, Curtis B. (A-1956) 188 Mounds Blvd., St. Paul, Minn.

Anderson, David A. (M-1956) Research Chemist, Ordnance Corps, Picatinny Arsenal, Dover, N. J.; Mail: Kingston Road, Parsippany, N. J.

Anderson, Harlan J. (A-1951) Supervisor, General Electric Co., H.A.P.O. Richland, Washington; Mail: 1814 W. 11th Ave., Kennewick, Wash.

Anderson, Robert P. (A-1951) 20 Mountain Ave., Wakefield, Mass.

Anderson, Roy B. (F-1936) President, Brooklyn Paint & Varnish Co., 50 Jay St., Brooklyn 1, N. Y.

Anderton Benjamin A. (EF-1943) 303 Doyle Ave., Providence 6, R. I.

Andreas, John M., Dr. (F-1948) Research Staff, Technicolor Corp., 2800 West Olive Ave., Burbank, Calif.; Mail: 655 Elliott Drive, Pasadena 5, Calif.

Angelo, Raymond W. (A-1951) Materials Engineer, Arma Corp., Garden City, N. Y.; Mail: 106 Garden Dr., Albertson, L. I., N. Y.

Angus, Addison C. (F-1932) Secretary-Treasurer, Philadelphia Clinical Laboratory, Inc., 1711 Spruce St., Philadelphia 3, Pa.

Anthes, John F. (F-1936) 58 Wyatt Road, Garden City, L. I., N. Y.

Appleton, Martin D. (F-1946) Assistant Professor of Cheimstry, University of Scranton, Scranton, Pa.; Mail: 417 Main St., Childs, Lackawanna County, Pa.

Applezweig, Norman (F-1946) President, Norman Applezweig Associates, 131 Christopher St., New York 14, N. Y.

Arcese, Albert (A-1956) 64 Hawthorne St., Newton 58, Mass.

Arden, Benjamin, Dr. (F-1954) Address Wanted.

Aries, Robert S., Dr. (F-1948) Consulting Engineer, Aries Associates,

77 South St., Stamford, Conn.

Armistead, William H., Dr. (F-1955) Vice President & Director of Research & Development, Corning Glass Works, Corning, N. Y.; Mail: 65 E. First St., Corning, N. Y.

Armstrong, Robert T., Dr. (F-1955) Vice President & Technical Director, Celanese Corporation of America, 180 Madison Ave., New York 16, N. Y.

Arnoff, Albert I. (M-1936) President, Massachusetts By-Products Co., 53 State St., Boston, Mass.

Arnold, Ambrose A. (L-1946) Patent Attorney, Penie, Edmonds, Morton, Barrows, & Taylor, 247 Park Ave., New York 17, N. Y.

Arnold, William S., Dr. (F-1923) 906 Rappaix Court, Towson 4, Md.

Arranaga, Alexander B. (F-1955) Research Chemist, U.S. Naval Ordnance Test Station, Pasadena, Calif.; Mail: 3229 Montclair St., Los Angeles 18, Calif.

Arrandale, Roy S., Dr. (F-1956) Vice-Pres. & Technical Director, Thatcher Glass Mfg. Co., Elmira, N. Y.; Mail: 628 W. Water St., Elmira, N. Y.

Arundale, Erving (F-1950) Assistant Director, Enjay Laboratories, P. O. Box 45, Linden, N. J.; Mail: 174 Lincoln Road, Westfield, N. J.

Arvan, Peter G., Dr. (F-1954) Monsanto Chemical Co., Chemical Lane, Everett, Mass.

Ashbrook, Donald S. (F-1937) President, Decorative Fabrics Co., 320 Broadway, New York 7, N. Y.; Mail: 145 E. 92nd St., New York 28, N. Y.

Ashen, Philip (F-1938) Secretary, M. W. Hardy & Co., Inc., New York 6, N. Y.; Mail: 721 Empire Blvd., Brooklyn 13, N. Y.

Ashley, Samuel E. Q. (F-1958) Manager, Major Appliance Labs., General Electric Co., Louisville 1, Ky.; Mail: 4200 Hill Top Rd., Louisville 7, Ky.

Atkin, Lawrence, Dr. (F-1942) Assisttant Director of Research, Standard Brands, Inc., Stamford, Conn.; Mail: 248 Westchester Ave., Tuckahoe 7, N. Y.

Atkins, Don C., Jr. (F-1955) Asst. Chief Engineer, United States Chemical Milling Corp., 1700 W. Rosecrans Ave., Manhattan Beach, Calif.; Mail: 13923 E. McGee Dr., Whittier, Calif.

Atlas, Vladimer (M-1951) Technical Director, Warwick Labs., Brooklyn 9, N. Y.; Mail: 1574 Miriam Court, Elmont, L. I., N. Y.

Atwood, F. C. (F-1936) President, Atlantic Research Associates, Inc., Edgartown, Mass.

Atwood, Kenneth F. (F-1936) Research Chemist, The Glidden Co., 11001 Madison Ave., Cleveland 2, Ohio.

Auer, Laszlo, Dr. (F-1940) 27 Lakeview Road, New Rochelle, N. Y.

Austin, William E. (F-1955) Research & Development, Nestle-Lemur Co., New York, N. Y.; Mail: 2446 University Ave., New York 68, N. Y.

Avedikian, Souren Z., Dr. (F-1940) Director of Non-Woven Products Research, Chicopee Mfg. Corp., Milltown, N. J.; Mail: 58 Willow Ave., Larchmont, N. Y.

Ayers, Clifford L. (F-1955) Vice President, Borne Chemical Co., Inc., 632 South Front St., Elizabeth, N. J.

Ayres, Erle B., Dr. (F-1957) Marketing Div.; Head Tech. Service, Callery Chemical Co., Pittsburgh 37, Pa.; Mail: 7 McIlrath Drive, Pittsburgh 29, Pa.

Ayers, Joseph W. (F-1933) Vice President, C. K. Williams & Co., 640 N. 13th St., Easton, Pa.

Babcock, Earl Byron, Dr. (F-1945) Retired. (Formerly Director of Labs., Firestone Tire & Rubber Co., Akron, Ohio.)

Bacal, Harry S. (F-1936) President, Pioneer Paint & Varnish Co., 438 W. Congress, Tucson, Arizona,; Mail: P.O. Box 5098, Tucson, Ariz.

Backmeyer, David P. (M-1947) Plant Superintendent, City of Miami, Dept. of Water & Sewers, P.O. Box 316, Coconut Grove Stat., Miami, Fla.; Mail: 354 W. McIntyre, Key Biscayne, Miami 49, Fla.

Bacon, Charles V. (F-1923) Chemical Engineer, 117 Liberty St., New York 6, N. Y.

Bader, Gordon H. (A-1948) Technical Sales Representative, Archer - Daniels - Midland Co., Cincinnati 2, Ohio; Mail: 11530 Folkstone Drive, Cincinnati 40, Ohio.

Badollet, Marion S. (F-1946) 35 Farragut Rd., Plainfield, N. J.

Bailes, Eugene L. (F-1954) (Retired - Formerly with Geigy Chemical Corp., Yonkers, N. Y.); Mail: 722 Central St., Plainfield, N. J.

Bailey, Paul F. (F-1942) Professor of Chemistry, Loyola University of the South, New Orleans, La.; Mail: 318 Maple Ridge Drive, Metairie, La.

Bailey, Truman A. (A-1957) Analytical Development Chemist, American Cyanamid Co., New Orleans 21, La.; Mail: P.O. Box 314, Destrehan, La.

Bailey, William Edward (F-1951) (Retired) 4621 46th St., N.W., Washington 16, D. C.

Baird, Ronald J. (F-1943) 1824 72nd Ave., Philadelphia 26, Pa.

Baizer, Manuel M., Dr. (F-1949) Head of Research Dept., New York Quinine & Chemical Works, Newark 5, N. J.; Mail: 250 Longview Rd., Union, N. J.

Bajer, Francis J. (A-1955) Chemist, 9713 T U Cml. C. Hq. Det. Rocky Mtn. Arsenal, Denver 2, Colorado; Mail: 74 Reed St., Buffalo 12, N. Y.

Baker, Floyd B. (A-1954) Staff Member, University of California, Scientific Lab., Los Alamos, New Mex.

Baker, Michael H. (F-1957) President, M. H. Baker Company, 1645 Hennepin Ave., Minneapolis 3, Minn.

Baker, Ross A., Dr. (L-1929) (Prof. Chemistry, Retired.) 9949 Edgelake Rd., La Mesa, Calif.

Bakken, Herman E. (F-1938) Vice President, Aluminum Company of America, 1501 Alcoa Bldg., Pittsburgh 19, Pa.

Balassa, Leslie L., Dr. (F-1947) Textile Pigment Dept., Geigy Dyestuffs, Div. of Geigy Chemical Corp., Ardsley, N. Y.; Mail: Creighton Lane, Scarborough, N. Y.

Balgley, Ely (F-1953) Ass't. Director, Marketing Research, Wyandotte Chemicals Corp., Wyandotte, Mich.

Bamberger, Curt, Dr. (F-1949) Research Chemist, Patent Chemicals, Inc., Paterson, N. J.; Mail: 382 17th Ave., Paterson 4, N. J.

Bandelin, F. J. (F-1948) Technical Director, Flint, Eaton & Co., 300 E. Main St., Decatur, Ill.

Barban, Charles (F-1932) Consulting Chemist & Chemical Engineer, 645 Ocean Ave., Brooklyn 26, N. Y.

Bardwell, Dwight C., Dr. (F-1936) Professor of Chemistry, Vanderbilt University, Nashville, Tenn.; Mail: 4006 Estes Ave., Nashville 12, Tenn.

Barnett, Robert Spencer (F-1936) Chemist, Technical Service Managerial Staff, The Texas Co., Texaco Research Center, P.O. Box 509, Beacon, N. Y.

Barol, Alfred (F-1947) Retired (formerly Dir. of Labs., Wyeth Laboratories, Radnor, Pa.) Mail: 1911 W. Olney Ave., Philadelphia 41, Pa.

Baron, Allen (A-1956) 1807 Avenue V, Brooklyn 29, N. Y.

Barrick, L. D., Dr. (F-1943) Consulting Chemist & Engineer, 197 Mayfair Dr., Pittsburgh 28 ,Pa

Barry, William D. (F-1950) Chief Chemist, The Van Iderstine Co., 37-30 Review Ave., Long Island City 1, N. Y.

Barsky, Murray H. (M-1954) Graduate Assistant, Penna State Univ., University Park, Pa.; Mail: 1104 S. Atherton St., State College, Pa.

Bartels, Charles R. (F-1946) Department Head, E. R. Squibb & Sons, Georges Road, New Brunswick, N. J.

Barth, Edwin J. (F-1946) Petroleum & Asphalt Consultant, 378 West End Ave., N. Y. 24, N. Y.

Bartilucci, Andrew J., Dr. (M-1948) Dean, College of Pharmacy, St. John's University, Grand Central & Utopia Parkways, Jamaica 32, N. Y.

Bartovics, Albert, Dr. (M-1944) Development Chemist, Borg Fabric Div., G. W. Borg Corp., Delavan, Wis.

Bartow, Edward, Dr. (F-1948) Retired, Professor Emeritus, State University of Iowa, Iowa City, Iowa.

Bashour, Joseph T., Dr. (F-1939) Director, Eastern Research Lab., Stauffer Chemical Co., Chauncey, N. Y. Mail: 120 W. 70th St., New York, N. Y.

Bass, Lawrence W., Dr. (F-1932) Vice President, Arthur D. Little, Inc., 30 Memorial Drive, Cambridge 42, Mass.

Batcho, Andrew D. (A-1955) Research Fellow (Kaiser Aluminum Co.) Chemistry Dept., University of California, Berkeley 4, Calif.

Bateman, Robert L., Dr. (F-1946) Director of Product Development, Union Carbide Chemicals Co., 30 E. 42nd St., New York 17, N. Y.

Batley, Harry A. (F-1946) Vice President, Nopco Chemical Co., Harrison, N. J.; Mail: P.O. 684, Dover, N. J.

Batt, Brother C. William, F.S.C. (A-1954) Instructor of Chemistry, De La Salle College, Washington 18, D. C.

Bauder, Frederick W. (F-1946) 19 Great Hills Terrace, Short Hills, N. J.

Bauer, Carl Robert, Dr. (A-1947) Chemist, E. I. du Pont de Nemours Co., Wilmington, Del.; Mail: New Elk Road, R.D. #1, Elkton, Md.

Bauer, John C., Dr. (F-1938) Exec. Vice President, Bunting Chemical Co., 3200 Falls Cliff Rd., Baltimore 11, Md.

Baulknight, Charles W. (F-1946) Chemist (Physical), General Electric Co., Philadelphia, Pa. Mail: 227 E. Springer St., Philadelphia 19, Pa.

Baumgarten, Erwin, Dr. (F-1950) Scientific Analyst, Operations Evaluation Group, Office of the Chief of Naval Operations, Navy Dept., Washington 25, D. C.; Mail: 2516 Executive Ave., Falls Church, Va.

Beach, George W., Dr. (F-1946) 1414 Brassie Road, Flossmoor, Ill.

Beals, Carlos L. (F-1947) Director of Research, Otis Clapp & Son, Inc., Boston, Mass.; Mail: 26 Market Tree Rd., Needham 92, Mass.

Bean, Frederic R., Dr. (F-1948) Sheffer Rd., Scottsville, N. Y.

Beaty, Annabel (M-1947) Nutrition Laboratory Supervisor, Research Labs. Div., National Dairy Products Corp., Box 97, Oakdale, L. I., N. Y.

Beaver, David J., Dr., (F-1939) 1131 South McKnight Rd., St. Louis 17, Mo.

Bebee, Francis H. (F-1946) Manager, Commercial Development Dept., Interchemical Corp., 432 W. 45th St., New York 36, N. Y.

Becher, Harold (F-1941) President, Strato - Missiles, Inc., 70 East 45th St., New York 17, N. Y.

Becher, Hubert L. (L-1923) Chief Chemist, Homasote Co., Trenton 3, N. J.

Bechtold, Frank Jr. (F-1948) Chief Chemist, Aluminum Co. of America, Garwood Works, Garwood, N. J.; Mail: 8 Columbia Ave., Cranford, N. J.

Becker, Ernest L.,Dr. (M-1947) Professor of Organic Chemistry, Polytechnic Institute of Brooklyn, 333 Jay Street, Brooklyn 1, N. Y.

Beckett, James A. (F-1952) Development Engineer, Thompson Products, Inc., Rocky Mount, Va. Mail: 1301 Oak St., Rocky Mount, Va.

Beckman, A. O., Dr. (Hon-1957) President, Beckman Instruments, Inc., Fullerton, Calif.

Beeber, Allan R. A., Dr. (F-1948) Vice President, Res. & Dev., Arkwright Finishing Co., Fiskeville, R. I.

Beeghly, H. F. (F-1951) Research Associate, Jones & Laughlin Steel Corp., Pittsburgh 36, Pa.; Mail: 4423 Clairton Blvd., Pittsburgh 36, Pa.

Beegle, Joseph F. (A-1949) Vice President, Hauger - Beegle Associates, Inc., Chicago 9, Ill.; Mail: 4448 Seeley Ave., Downers Grove, Ill.

Behney, Dale F. (F-1953) Vice President, Sales, Harwick Standard Chemical Co., 60 South Seiberling St., Akron 5, Ohio.

Beichert, Walter J., Dr. (F-1941) Chief Chemist & Owner, Polytechnique Laboratories, 13049 Lefferts Blvd., So. Ozone Park 20, N. Y.

Belcher, Thomas L. (F-1923) (Chemist - retired, Manhattan Rubber Div. of Raybestos, Manhattan, Passaic, N. J.); Mail: 80 Sunrise Dr., Hawthorne, N. J.

Belchetz, Arnold, Dr. (F-1944) Private Consultant, Arnold Belchetz, 30 Walnut Ave., Larchmont, N. Y.

Belfer, Samuel (F-1948) Owner & Director, The Belfer Laboratories, 746 Jefferson Building & 1101 Main St., Peoria 2, Ill.

Belfit, Robert W. (F-1923) Research Organic Chemist, Scovill Mfg. Co., Waterbury, Conn.

Bell, R. H., Dr. (F-1944) President & Tech. Director, Lucius Pitkin, Inc., 47 Fulton St., New York 38, N. Y.

Bell, Russell (F-1954) Executive Assistant, Victor Chemical Works, 155 N. Wacker Drive, Chicago, Ill. Mail: 105 Walnut, Clarendon Hills, Ill.

Bell, William E. (A-1951) 73-23 210th St., Bayside 64, L. I., N. Y.

Bellino, Vito Victor, Dr. (F-1951) Lab. Supervisor, Barrett Div., Allied Chem. Corp., Philadelphia 37, Pa.; Mail: 1443 Grovania Ave., Abington, Pa.

Beltz, John H. (F-1936) Treas. & Director of Lab., Bell & Beltz, Inc., 3432 N. Broad St., Philadelphia, Pa.

Bender, Max, Dr. (F-1946) Senior Research Chemist, Research Div., American Cyanamid Co., Bound Brook, N. J.

Bengis, Robert O., Dr. (F-1938) Chief

General Engineer, Ordnance Corps, Dep't. of Army, Pentagon, Washington, D. C.; Mail: 1717 Juniper St., N.W., Washington 12, D. C.

Benham, G. Harvey, Dr. (F-1954) Director of Research, & Process Development, American Agricultural Chemical Co., 50 Church St., New York 7, N. Y.

Bennett, Harry (F-1932) President, Glyco Products Co., Inc., 350 5th Ave., New York 1, N. Y.

Benton, Francis L., Dr. (F-1953) Research Chemist, Research Dept., Armour Labs., Chicago 16, Ill. Mail: 531 Lombard Ave., Lombard, Ill.

Benton, W. W. (F-1957) Research Chemist, Economics Laboratory, Inc., St. Paul 1, Minn.; Mail: 2069 Watson Ave., St. Paul 16, Minn.

Berdick, Murray, Dr. (F-1951) Coordinator of Research, Evans Research & Development Corp., New York 17, N. Y. Mail: 15 Kaateskill Pl., Scarsdale, N. Y.

Berenbaum, Morris B., Dr. (F-1954) Supervisor, Research Section, Thiokol Chemical Corp., 780 North Clinton Ave., Trenton 7, N. J.

Berg, Howard C. (A-1956) Student, Harvard Medical School, Boston 15, Mass.; Mail: Vanderbilt Hall 131, 107 Ave. Louis Pasteur, Boston 15, Mass.

Berglund, O. William (F-1944) Commonwealth Engineering Co., Dayton 3, Ohio; Mail: 808 Greenmount Blvd., Dayton 9, Ohio.

Bergren, William R. (F-1944) Children's Hospital, Los Angeles 27, Calif.; Mail: 1446 Morada Place, Altadena, Calif.

Berke, Philip A., Dr. (F-1948) President, Sutton Laboratories, Inc., 459 E. First Ave., Roselle, N. J.

Berkeley, Bernard (M-1952) Assistant Director, Product Development Dept., Foster D. Snell, Inc., New York 11, N. Y.; Mail: 66 North Drive, Valley Stream, N. Y.

Berlt, Heinz R. (F-1948) Chemical Engineer, El-Rad Mfg., Chicago 18, Ill.; Mail: 828 W. Eastwood Ave., Chicago 14, Ill.

Berlt, Nancy C. (F-1943) Chief Chemist, Hank Company, Chicago 40, Ill. Mail: 828 W. Eastwood Ave., Chicago 40, Ill.

Berman, Lawrence U. (F-1950) Research Chemist, Armour Research Foundation, Chicago 16, Ill. Mail: 8025 N. Hamlin Ave., Skokie, Ill.

Bernanke, Fred L. (M-1947) Leeds Drug Co., Gaffney, S. C.

Berne-Allen, Allan, Dr. (F-1938) Chemical Engineer, 144 N. Washington Dr., St. Armand's Key, Sarasota, Florida.

Bernstein, Isidore M. (F-1947) President, Flexo - Gravure Inks, Inc., Newark 5, N. J.; Mail: 6665 Colonial Road, Brooklyn 20, N. Y.

Berrigan, Paul (A-1954) Student, Purdue University, W. Lafayette, Ind.; Mail: 207-4 Nimitz Dr., West Lafayette, Ind.

Berry, Madeline M. (M-1952) Prof. Assistant to Program Director, National Science Foundation, Washington 25, D. C.; Mail: 1500 Massachusetts Ave. N.W., Apt. 113, Washington 5, D. C.

Bewley, T. F. (F-1950) Chief Chemist, Braun Corp., Los Angeles 54, Calif.; Mail: 1622 S. Westmoreland Ave., Los Angeles 6, Calif.

Bhagwat, M. R. (F-1936) Chemical Engineer, Hooker Electro-Chemical Co., Niagara Falls, N. Y.; Mail: 1839 Niagara Ave., Niagara Falls, N. Y.

Bianco, Louis J. (M-1948) Supervisor of Labs., Kraft Foods Co., Chicago, Ill.; Mail: 2146 Illinois Rd., Northbrook, Ill.

Bidlack, Verne C. (F-1939) President, Pennsylvania Color & Chemical Co., Doylestown, Pa.

Bidstrup, Wayne W. (A-1953) Development Eng., Kordite, Div. of Textron, Macedon, N. Y.; Mail: 58 Gorman St., Canandaigua, N. Y.

Bigelow, Lucius A., Dr. (F-1936) Professor of Chemistry, Duke University,; Mail: 131 Pinecrest Rd., Durham, N. C.

Billig, Franklin A. (A-1956) Research Chemist, American Potash & Chemical Corp., Whittier Research Laboratory, Whittier, Calif.; Mail: 9824 Acapulco Drive. Whittier, Calif.

Binaski, Theodore H. (M-1947) Chemist, Nestle Le Mur Co., Inc., 902 Broadway, New York, N. Y.; Mail: 293 Chapel Ave., Jersey City 5, N. J.

Binder, William V. (M-1947) Tech. Director & Corporate Member, Savannah Paint Mfg. Co., P.O. Box 3162, Savannah, Ga.; Mail: 8306 Meadowbrook Road, Savannah, Ga.

Binter, Frederick C. (M-1948) Presi-

dent, Owner, Independence Chemical Co., 608-10 S. Water St., Philadelphia, Pa.; Mail: 321 E. Oak Ave., Moorestown, N. J.

Bishop, Hazel (F-1954) President, Perfemme, Inc., 22 West 22nd St., New York, N. Y.

Bishop, Howard B. (F-1936) President, Human Engineers, 29 Chestnut Ave., Summit, N. J.; Mail: Box 118 Summit, N. J.

Bitcover, Ezra H., Dr. (F-1954) Research Chemist, 8432 Provident Rd., Philadelphia 50, Pa.

Bivins, Franklin H. (F-1933) Production Manager, Schieffelin & Co., New York 3, N. Y.; Mail: 140 North Broadway, White Plains, N. Y.

Bjorksten, Johan, Dr. (F-1945) President, Bjorksten Research Laboratories, Inc., P.O. Box 265, Madison 1, Wis.

Blacketer, Charles W. (F-1947) 307 W. 8th St., Kansas City 6, Mo.

Blair, James S., Dr. (F-1953) Chemist, American Can Co., Research Dept., Barrington, Ill.

Blake, John T., Dr. (F-1943) Vice-President, Simplex Wire & Cable Co., 79 Sidney St., Cambridge 39, Mass.

Blalock, William L. (F-1956) Technical Representative, West Coast Div., Witco Chemical Co., Los Angeles 5, Calif.; Mail: 809 N. Pickering St., Whittier, Calif.

Blatt, A. H., Dr. (F-1948) Professor of Chemistry, Queens College, Flushing 67, N. Y.

Blechen, Robert H. (A-1956) Production Engineer, Proctor & Gamble Mfg. Co.; Mail: 501 Colleen Rd., Baltimore 29, Md.

Bleier, Emre (M-1953) 2811 Exterior St., New York 63, N. Y.

Blind, Giles E. (A-1949) 4012 Palos St., Cincinnati 3, Ohio.

Blish, M. J., Dr. (EF-1943) (Retired) 4810 N. 31st St., Phoenix, Arizona.

Bloch, Herman S., Dr. (F-1942) Deputy Director, Refining Research, Universal Oil Products Co., Des Plaines, Ill.; Mail: 9700 Kedvale Ave., Skokie, Ill.

Block, Charles S. (A-1952) Chief Design Engineer, American Machine & Foundry Co., 689 Hope St., Stamford, Conn.

Block, Paul, Jr., Dr. (F-1944) Co-Publisher, Toledo Blade Co., Toledo 4, Ohio.

Bloom, Albert, Dr. (F-1956) Manager - Planning, D & C Div., General Aniline & Film Corp., 435 Hudson St., New York 14, N. Y.; Mail: 9 Blackburn Road, Summit, N. J.

Blue, Gary D. (A-1956) Graduate Student and Teaching Assistant, Department of Chemistry, Univ. of Wisconsin, Madison, Wis.

Blum, George W. (F-1956) Asst. Mgr., Chem. Engr., Goodyear Tire & Rubber Co, Akron, Ohio; Mail: 184 Ernest Drive, Tallmadge, Ohio.

Blum, William, Dr. (Hon.-1926) Consultant, 2311 Connecticut Ave., Washington 8, D. C.

Blume, Matthew C. (F-1938) Technical Director, The Chemcat Co., Derby, Conn.; Mail: 18 Myrtle Ave., Ansonia, Conn.

Blume, Paul W. (F-1944) Michigan Chemical Corp., 500 N. Bankston St., St. Louis, Mich.; Mail: 12714 Helen St, Wyandotte, Mich.

Blumenstock Catherine C. (A-1952) 2267 Hudson Blvd., Jersey City, N. J

Blumenthal, Saul (F-1946) Consultant - Foods, Shirley Laboratories, Brooklyn 29, N. Y.; Mail: 1726 E. 22nd St., Brooklyn 29, N. Y.

Blumenthal, Warren B. (F-1947) Chief of Chemical Research, Titanium Alloy Mfg. Div. of the Nat. Lead Co., Niagara Falls, N. Y.

Bodey, Gerald P. (A-1956) 2018 McElderry St., Baltimore 5, Md.

Bodman, John W. (F-1937) Consultant, 18 Wedgemere Ave., Winchester, Mass.

Boegly, W. J. (F-1946) Vice President, Winthrop Laboratories, Rensselaer, N. Y.; Mail: R. #1, East Greenbush, N. Y.

Boehm, Edwin J. (F-1953) Haworth, N. J.

Bohrer, John J., Dr. (F-1953) International Resistance Co., Philadelphia 8, Pa.; Mail: 2012 Pleasant Ave., Glenside, Pa.

Bole, George A., Dr. (F-1937) Research Professor, Ohio State University, Columbus 10, Ohio.

Bolinger, E. Dare, Dr. (M-1937) Chemist, Deering Milliken Research Corp., P.O. Box 27, Pendleton, S. C.

Bond, Perry A., Dr. (EF-1936) (Emeritus Prof. State University of Iowa, Iowa City, Ia.); Mail: New Hope, Pa.

Bond, Ridgely B., Jr. (F-1946) Ameri-

can Sugar Refining Co., Key Highway East, Baltimore, Md.

Bond, Rolston L., Dr. (F-1942) Manager, Research & Development Dept., Tennessee Corporation, P.O. Box 89, College Park, Ga.

Bond, William G. (F-1923) 200 East Hollyoak Road, Wilmington 3, Del.

Bongiorni, Domenic F., Dr. (F-1949) Patent Counsel, Johnson & Johnson, Office of General Counsel, 501 George St., New Brunswick, N. J.

Bonnar, J. Robert (F-1951) Sales Manager, General Dyestuff Company, Div. of General Aniline and Film Corp., 435 Hudson St., New York 14, N. Y.

Bonney, Robert D. (F-1936) Owner, Green Haven Farm, Route One, Elkton Md.

Borders, Alvin M., Dr. (F-1956) Minnesota Mining & Mfg. Co., St. Paul 6, Minn.; Mail: 2307 Buffalo St., White Bear Lake, Minn.

Borie, Richard (A-1956) Rt. 1, Box 728 Fairdale, Ky.

Born, Sidney, Dr. (F-1936) President, Born Engineering Co., 408 North Boston, Tulsa, Okla.; Mail: Post Office Box 102, Tulsa 1, Okla.

Borows, Arthur (F-1956) Chief Chemist, Mastro Plastics Corp., 3040 Webster Ave., Bronx, N. Y.; Mail: 99-05 63rd Drive, Rego Park, Queens 74, N. Y.

Bosee, Roland A., Dr. (F-1938) Captain, MSC, USN, Deputy Director, Air Crew Equipment Lab., N.A.M.C., Naval Base, Philadelphia 12, Pa.

Bossinger Charles D., Dr. (F-1953) Head, Drug Program, Armour Labs. Route 54, Bradley, Ill. Mail: 1122 E. Court St., Kankakee, Ill.

Bost, William D., Dr. (EF-1923) Stock Broker, Suite 915, 41 E. 42nd St., New York 17, N. Y.

Both, William E. (F-1945) Analytical Chemist, Smith - Emery Co., Los Angeles, Calif. Mail: 636 Magnolia Ave., Whittier, Calif.

Botti, Edmond C., Dr. (F-1943) Sales Promotion, E. I. Du Pont De Nemours & Co, Pigments Dept.; Mail: 1007 Market St., Wilmington 98, Del.

Boucher, Raymond E., Dr. (M-1956) Asst. Tech. Director, Polak's Frutal Works, Middletown, N. Y.; Mail: 156 Highland Ave., Middletown, N. Y.

Boustead, John (A-1935) Patent Dept., Adams, Forward & McLean, New York 6, N. Y.; Mail: 266 Phelps Rd., Ridgewood, N. J.

Bowen, Jonathan L. (A-1948) Chemist, Hooker Electrochemical Co., Buffalo Ave. & 47th St., Niagara Falls, N. Y.

Bowers, Richard R. (A-1955) Chemist, E. I. duPont de Nemours & Co., Aiken, S. C.; Mail: 5 Wofford Circle, Aiken, S. C.

Bowman, Jay (F-1923) Research Consultant, 8145 Avalon Ave., Chicago 19, Ill.

Bowman, John R., Dr. (F-1945) Associate Dean of Engineering and Professor of Science & Engineering, The Technological Institute, Northwestern University, Evanston, Ill.

Bowman, William H., Dr. (F-1948) General Manager, Organic Chemicals Div., American Cyanamid Company, 30 Rockefeller Plaza, New York 20, N. Y.

Boyd, Robert B. (F-1945) Manager - Organic Chemicals, Hooker Electrochemical Co., Niagara Falls, N. Y.; Mail: Forest Road, Lewiston, N. Y.

Boyle, Clete L. (F-1951) President, Industrial Chemical Products Co., 3777 Bellevue Ave., Detroit 7, Mich.

Boyle, Frederick T. (F-1948) Chief Chemist, Summit Chemical Products, Inc., Belleville, N. J.

Boyle, James S. (F-1923) Gen'l. Mgr., New Jersey Wood Finishing Co., Woodbridge, N. J.; Mail: P.O. Box 271, Woodbridge, N. J.

Boynton, Emory P. (F-1942) Technical Supervisor, National Cylinder Gas Company, 840 N. Michigan Ave., Chicago 11, Ill.

Bradley, John J., Jr. (F-1945) President, Industrial Research Corp., 715 Main St., Winchester, Mass.

Bradstreet, Raymond B. (F-1941) Research Director, Carbon Solvents Labs., Kenilworth, N. J.; Mail: P.O. Box 1, Cranford, N. J.

Bradway, Elizabeth M., Dr. (F-1956) Borden Food Prods. Co., Syracuse 4, N. Y.; Mail: 737 Maryland Ave., Syracuse 10, N. Y.

Braidech, Mathew M. (F-1944) Research Director, National Board of Fire Underwriters, 85 John St., New York, N. Y.

Branigan, George V. (F-1957) Vice President, Ungerer & Co., Inc., 161 Ave. of Americas, New York, N. Y.

Mail: 521 Doremus Ave., Glen Rock, N. J.

Brannon, James L. (F-1940) Product General Manager, Bakelite Co. Div. of Union Carbide Corp,. 30 E. 42nd St., New York 17, N. Y.

Bratton, George S. (EF-1938) Address Wanted

Bray, Ulric B., Dr. (F-1938) General Manager, Bray Oil Co., 3344 Medford St., Los Angeles 63, Calif.

Brecher, Charles (A-1954) 803 E. 49th St., Brooklyn 3, N. Y.

Breithut, F. E., Dr. (L-1926) 38 South Fir Street, Ventura, Calif.

Bremer, Clarence, Dr. (F-1944) Director of Research, Oakite Products, Inc., 19 Rector St., New York 6, N. Y.; Mail: 83 Carmita Ave., Rutherford, N. J.

Brennan, Joseph Harrison (F-1952) Chief Metallurgist, Electro Metallurgical Co., Niagara Falls, N. Y.; Mail: 1318 Thorndale Ave., Niagara Falls, N. Y.

Brenner, Mortimer W. (F-1940) Vice President and Technical Director, Schwarz Laboratories, Inc., Mt. Vernon, N. Y. Mail: 37 Yale Rd., Hartsdale, N. Y.

Breuer, Frederick W., Dr. (F-1948) Head, Plastics Dept., Stauffer Chemical Co., 1375 South 47th St., Richmond 4, Calif.

Brewer, J. E., Dr. (F-1937) Owner, Brewer & Gardner, 1505 Race St., Philadelphia 2, Pa.

Brewer, Willard O. (EF-1924) Retired, 1364 Marlborough Ave., Plainfield, N. J.

Brewster, Ray Q., Dr. (F-1948) Prof. of Chem., University of Kansas, Lawrence, Kans.

Breyer, Frank G. (Hon.-1932) Partner - Singmaster & Breyer, Chairman of Board - Singmaster & Breyer, Inc., 420 Lexington Ave., New York 17, N. Y.

Brierley, John R. (F-1937) Childs Pulp Colors, Inc., Brooklyn 31, N. Y.; Mail: P.O. Box 386, Old Field, Setauket, L. I., N. Y.

Briggs, W. D. (F-1955) Manager, Aircraft Mfg. Div., Turco Products, Inc, Los Angeles 1, Calif.; Mail: Box 2649 Terminal Annex, Los Angeles 54, Calif.

Briod, Andre E. (F-1937) Research Chemist, Monadnock Research Institute, Antrim, N. H.; Mail: R.D. #2, Hillsboro, N. H.

Britton Edgar C., Dr. (F-1945) Research Consultant, The Dow Chemical Co., Midland, Mich.

Brna, Paul W. (F-1944) Mid-West District Sales Manager, Rhodia, Inc. New York 22, N. Y., 7481 Towerview Lane, Cincinnati 30, Ohio.

Brockmann, Maxwell C., Dr. (F-1954) Chief, Animal Products Branch, Quartermaster Food & Container Institute, 1819 West Pershing Road, Chicago 9, Ill.

Broeg, Charles B. (F-1950) American Molasses Co., 120 Broadway, New York 5, N. Y.

Bronstein, Emanuel H. (F-1952) Corrosion Eng'r., Head, Magnesium Anode Div., The Patrol Valve Co., Cleveland, Ohio; Mail: 603 Hoye Ave., Akron, Ohio.

Brooks, Walter, Dr. (F-1957) Research Chemist, Turco Products, Inc., Los Angeles 1, Calif.; Mail: 13218 Lambert Rd. Whittier, Calif.

Brouillard, Robert E., Dr. (F-1942) Manager Pigment Dept., General Aniline & Film Corp., New York, N. Y.; Mail: 554 Lawrence Ave., Westfield, N. J.

Brown, Arthur E., Dr. (F-1956) Senior Chemist, Air Reduction Co., Inc. Murray Hill, N. J.; Mail: 29 Oak Ridge Ave., Summit, N. J.

Brown, Cecil L., Dr. (F-1938) Manager, Scientific Liaison, Esso Research & Engineering Co., P.O. Box 51, Linden, N. J.; Mail: 10 Rockview Terr., North Plainfield, N. J.

Brown, David Graham (M-1947) Chief Chemist, Gar Precision Parts, Inc., 36 Ludlow St., Stamford, Conn.; Mail: Parade Hill Road, New Canaan, Conn.

Brown, F. E., Dr. (F-1948) Professor of Chemistry, Emeritus, Iowa State College, Dept. of Chem., Ames, Iowa.

Brown, Gordon C. (F-1947) Chief Chemist, Durkee-Atwood Co., 217 Seventh St., N.E., Minneapolis 13, Minn.

Brown, Lawrence E. (F-1956) Chemist, Southern Utilization Research and Development Division, 1100 Robert E. Lee Blvd., New Orleans 19, La.; Mail: 240 Ridgewood Drive, Metairie, La.

Brown, Leland N., Dr. (F-1947) Leland Brown Laboratories, 792 Garret Road, Upper Darby, Pa.

Brown, Owen J. (F-1951) Godfrey L.

Cabot, Inc., Boston, Mass.; Mail: 200 Cliff Rd., Wellesley Hills, Mass.

Brown, Raymond G. (F-1944) Vice President, Strategic - Udy Processes Inc., Box 835, Niagara Falls, N. Y.

Brown, Robert (M-1948) Laboratory Supervisor, Socony Paint Products Co., Metuchen, N. J.

Brownell, George L., Dr. (F-1956) Assistant Professor, Lehigh University, Dept. of Chemistry, Bethlehem, Pa.

Bruce, H. E. (L-1947) President & Gen. Mgr., Keystone Color Works, Inc., York, Pa.; Mail: 369 Lambeth Drive, York, Pa.

Bruce, Leland E. (A-1954) Staff Assist. to Chief Eng., United States Chemical Milling Corp., Manhattan Beach, Calif.; Mail: 20022 Talisman St., Torrance, Calif.

Bruck, Stephen D., Dr. (M-1957) Research Chemist, E I. DuPont de Nemours & Co., Inc., Experimental Station, Wilmington, Del.; Mail: 1222 Prospect Dr., Kynlyn Apts., Wilmington 3, Del.

Brumbaugh, Elsa (A-1956) 177 Heisley Road, Painesville, Ohio.

Brunetti, Rose Marie (M-1951) Armour Research Foundation, Chicago, Ill.; Mail: 14301 South Halsted St., Harvey, Ill.

Bruson, Herman A., Dr. (F-1948) Research Director Organic Chemicals Division, Olin Mathieson Chem. Corp., New Haven, Conn.

Bruun, Johannes H., Dr. (F-1951) 448 Mountain View Drive, Lewiston, N. Y.

Bryan, Carl E., Dr. (F-1956) Research Chemist, U. S. Rubber Co., Research Center, Alps Road, Wayne, N. J.; Mail: 3216 Sheffield Terr., Fairlawn, N. J.

Bryan, Loren A., Dr. (F-1951) Senior Chemist, Westvaco Mineral Products Div., Food Machinery and Chemical Corp., Carteret, N. J.; Mail: 845 Hillside Road, Rahway, N. J.

Buckman, Alfred F., Jr. (F-1950) Assistant Research and Development Director, S. C. Johnson and Son, Inc., 1525 Howe St., Racine, Wis.

Buckwalter, Frank H. (F-1951) Director of Product Development, Bristol Laboratories, Inc., Syracuse, N. Y.; Mail: 105 Lansdowne Road, Dewitt, N. Y.

Buckwalter, Howard M., Dr. (F-1948) Chemical Research, United States Rubber Co., Detroit 32, Mich.; Mail: 1466 Seminole Ave., Detroit 14, Mich.

Bucy, Ed H. (F-1933) 800 - 21st St., N.W., Washington, D. C.

Buell, George C. (F-1951) Project Housing, Apt. 7A, A. & M. College of Texas, College Station, Texas.

Bulloff, Jack J., Dr. (F-1956) Principal Chemist, Battelle Memorial Institute, 505 King Ave., Columbus 1, Ohio.

Burchman, Grace (A-1956) Graduate Student in Organic Chem., Public Health Fellow. Yale University, Sterling Chemistry Laboratory, New Haven, Conn.

Burdick, Everette M., Dr. (F-1947) Chemical Consultant (Director, New Product Development Division) Florida Citrus Mutual, Lakeland, Fla. Mail: 4821 Ronda St., Coral Gables 46, Fla.

Burg, Richard William (A-1954) Graduate Student, University of Illinois, Urbana, Ill.; Mail: 644 Prospect Ave., Fort Wayne 3, Ind.

Burger, David H. (F-1955) Senior Technical Representative, Development Dept., Chemical Div., Koppers Co., Inc., Box 65, Monaca, Pa.

Burkard, P. N. (F-1945) Manager, Industrial, Railroad & Aircraft Dept., Wyandotte Chemicals Corp., Clark & Biddle, Wyandotte, Mich.

Burkhart, Clarence W. (EF-1944) 3250 W. Huron River Dr., Ann Arbor, Mich.

Burns, Frank B. (F-1941) Supervisor, New Products Development Dept., Refining Division, Kerr - McGee Oil Industries, Inc., Wynnewood, Okla. Mail: P.O. Box 188, Wynnewood, Okla.

Burns, George D. (M-1952) Section Leader, Foster D. Snell, Inc., New York 11, N. Y.; Mail: 83-20 98th St., Woodhaven 21, N. Y.

Burns, Thomas H. (F-1957) Chief Metallurgist, Thiokol Chemical Corp., Huntsville, Ala.; Mail: 1613 8th Ave., S.W., Decatur, Ala.

Burright, Ora Blanche (F-1942) Editor, The Pioneer Woman Publishing Co., 502 East Vilas Ave., Guthrie, Okla.

Burry, H. Maxwell (F-1942) Head, Science Dept., Milo High School, Milo, Maine.

Burtsell, Aubison T., Dr. (F-1935)

8 Regina Ave., Bellmore, L. I., N. Y.

Bussow, Carl (F-1944) President and Technical Director, A. W. Dow, Inc., 801 Second Ave., New York 17, N. Y.

Buswell, A. M., Dr., (F-1935) Res. Prof., University of Florida, Gainesville, Fla.; Mail: 2713 S.W. 5th Pl., Gainesville, Fla.

Butcosk, Richard A. (M-1940) Development Chemist, Socony Mobil Oil Co., 412 Greenpoint Ave., Brooklyn, N. Y.; Mail: 422 California Ave., Uniondale, L. I., N. Y.

Butler, Lillian (M-1945) Research Chemist, U.S.D.A., Pesticides Chemical Research Lab., P. O. Box 1291, Yakima, Wash.

Butler, William P. (M-1956) Treasury Dept., Internal Revenue Service, Washington, D. C.; Mail: 4309 Chesapeake St., N. W. Washington 16, D. C.

Butterfield, E. E., Dr. (F-1937) 10-59 Jackson Ave., Long Island City 1, N. Y.

Buurman, Clarence H., Dr. (F-1948) Area Superintendent, General Aniline & Film Corp., Linden, N. J.; Mail: Crestwood Drive, Warren Township, Plainfield, N. J.

Byers, Samuel T. (M-1938) Supervisor, Chemical Section, Special Projects Branch, Central Research, F.M.C., Buffalo, N. Y. Mail: 144 Deumant Terr., Bnffalo 23, N. Y.

Byler, William H., Dr. (F-1948) Vice President, U. S. Radium Corp., Morristown, N. J.; Mail: Mt. Kemble Ave., R.D. 2, Morristown, N. J.

Byrnes, Frank C. (F-1953) Vice President, Mid-West Laboratories, Inc., 1952 W. Irving Park Rd., Chicago 13, Ill.

Byrum, John F. (A-1955) Sales Technical Laboratory, E. I. du Pont de Nemours & Co., Inc., Niagara Falls, N. Y.

Bywater, William G., Dr. (F-1948) S. B. Penick & Co., New York 7, N. Y.; Mail: 133 Summit Ave., Upper Montclair, N. J.

Cabot, Samuel (F-1933) President, Samuel Cabot, Inc., 141 Milk St., Boston 9, Mass.

Cadwell, Sidney M., Dr. (F-1932) Director, Research & Dev. Dept., United States Rubber Co., New York 20, N. Y.; Mail: Research Center, United States Rubber Co., Wayne, N. J.

Cahill, Joseph M., Dr. (A-1951) Marketing Research Engineer, Esso Standard Oil Co., New York, N. Y.; Mail: 1380 North Ave., Elizabeth, N. J.

Cain, William P., Dr. (A-1953) Research Chemist, Esso Research & Engineering Co., P.O. Box 51, Linden, N. J.

Calkin, John B. (F-1945) President, Calkin & Bayley, Inc., 50 East 41st St., New York 17, N. Y.

Callan, William (F-1938) Callan, Simon & Norton, Inc., 120 Broadway, New York, N. Y.; Mail: 7 Valley Road, Bronxville 8, N. Y.

Cameron, Bruce F. (A-1956) Bristol, Maine.

Campbell, Charles R. (F-1942) Chemist, Crosby Forest Products Co., Picayune, Miss.

Campbell, Donald R. (A-1953) Junior Research Chemist, General Tire & Rubber Co., Akron, Ohio; Mail: 2579 Eleventh St., Cuyahoga Falls, Ohio.

Campbell, George M. (A-1954) Health Physicist & Instructor, University of Minnesota, Minneapolis 14, Minn.

Cantor, Sidney M., Dr. (F-1953) Director, Sidney M. Cantor Associates, Suburban Sq. Bldg., Ardmore, Pa.

Capkovitz, Stephen G. (F-1941) Manager, Perfume, Flavor & Aromatic Chemicals Div., S. B. Penick & Co., 50 Church St., New York 8, N. Y.

Cardone, Joseph T. (A-1951) Project Engineer, U.S. Flare Corp., Saugus, Calif.; Mail: 20301 Leadwell St., Canoga Park, Calif.

Carlisle, Robert L. (F-1947) President, Robert L. Carlisle Chemical & Mfg., Inc., 207 Norman Ave., Brooklyn 22, N. Y.

Carlson, Elizabeth A., Miss (A-1952) Ass't Research Chemist, Evans Research & Development Corp., New York 17, N. Y.; Mail: 67-101 Dartmouth St., Forest Hills 75, N. Y.

Carmichael, Emmett B., Dr. (F-1935) Professor of Biochemistry & Chairman of Dept., Medical College & School of Dentistry, University of Alabama, Birmingham 3, Ala.

Carmichael, Emmett S. (F-1951) Socony-Mobil Oil Co., Inc., Brooklyn 22, N Y. Mail: 3519 76th St., Jackson Heights, N. Y.

Carnes, William Joseph (A-1954)

Teaching Assistant, University of Tenn., Dept. of Chem., Knoxville, Tenn.

Carpenter, Arthur W. (F-1936) 943 Genesee Road, Akron 3, Ohio.

Carpentier, Elizabeth Anne (A-1955) Chemist, American Cyanamid Co., Bldg. 56, Room 329, Pearl River, N. Y.

Carr, Ralph H., Dr. (L-1936) 2835 Riddle Drive., Winter Park, Fla.

Carrigan, Richard A., Dr. (F-1953) Supervisor, Analytical & Organic Chem., Armour Research Foundation, 10 W. 35th St., Chicago 16, Ill.

Carrigan, Robert E. (F-1955) Director of Research, Florida Chemical Research, Inc., Sarasota, Fla. Mail: 2426 Arapaho St., Sarasota, Fla.

Carroll, Hugh S., Dr. (F-1958) Technical Advisor, Philippine Government. Mail: USOM to Manila, APO 928, San Francisco, Calif.

Carroll, Richard H., Dr. (F-1939) Old Chatham, N. Y.

Carter, Albert S., Dr. (F-1953) Research Director, E. I. du Pont de Nemours & Co., Wilmington, Del. Mail: 104 Gordy Pl., Llangollen, New Castle, Del.

Carter, Edgar B. (F-1950) Consultant, Abbott Laboratories, North Chicago, Ill. Mail: 30 S. Sheridan Rd., Lake Forest, Ill.

Carter, Larry J. (M-1957) Supervisor, Research & Development, Farnam Mfg. Co. Inc., Biltmore, N. C. Mail: P.O. Box 67, Skyland, N. C.

Cartwright, Leonard Carl (F-1944) Account Executive, Foster D. Snell, Inc., New York 11, N. Y. Mail: 57 Fifth Ave. New York 3, N. Y.

Case, F. O. (F-1938) President, Glen Alden Corp., 16 S. River St., Wilkes-Barre, Pa.

Casey, Paul J. S. J. (F-1957) Prof. of Chemistry, University of Scranton, Scranton, Pa.

Casey, Robert S. (F-1942) Chief Chemist, W. A. Sheaffer Pen Co., 301 Ave. H, Fort Madison, Iowa.

Cass, William E., Dr. (F-1957) Arthur D. Little, Inc., Cambridge 42, Mass. Mail: 1 Yale Street, Winchester, Mass.

Cassidy, Thomas A. (F-1948) President, Wilmot & Cassidy Inc., 108 Provost St., Brooklyn 22, N. Y.

Castrucci, Manlio S. (M-1955) Ass't. to Scientific Director, International Div., Warner-Lambert Pharmaceutical Co., Morris Plains, N. J. Mail: 90 Martha Ave., Clifton, N. J.

Catlow, William R., Jr. (F-1935) Bakelite Co., Div. of Union Carbide Corp., Bound Brook, N. J. Mail: 113 Willard Ave., Bloomfield, N. J.

Cauwenberg, Winfred J., Dr. (F-1947) Technical Director, Pigments Div., American Cyanamid Co., Piney River, Va.

Cavelti, John E., Dr. (F-1935) Prof. of Chemistry, Allegheny College, Meadville, Pa.

Cawley, John J. (A-1955) Graduate Student, Harvard University, Cambridge, Mass.

Cayo, Eugene F., (EF-1929) R.D. Hatfield, Pa.

Celmer, Ralph F. (F-1947) E. & J. Gallo Winery, Modesto, Calif. Mail: 1421 Pearl St., Modesto, Calif.

Cerbone, J. Anthony (A-1950) Purchasing Agent, Midwest Hqs., Blaw-Knox Co., Chemical Plants Div., 180 N. Wabash Ave., Chicago 1, Ill.

Chadwell, Andrew J., 1/Lt. USAF, Dr. (A-1953) Wright-Patterson A.F.B., Ohio.

Chalupski, Victor (F-1943) Asst. Plant Manager, E. I. du Pont de Nemours & Co., 256 Vanderpool St., Newark, N. J.

Chandross, Ronald (A-1956) Research Assistant, Massachusetts Inst. of Tech., Cambridge 39, Mass. Mail: 3126 Coney Island Ave., Brooklyn 35, N. Y.

Chaney, Newcomb K., Dr. (F-1949) Research Consultant, American Gas Association, New York 17, N. Y. and National Gas Improvement Co., Philadelphia 5, Pa. Mail: Possum Hollow Road, Wallingford, Pa.

Chapman, A. Watson (F-1944) Manager, Research Center, The Celotex Corp., Des Plaines, Ill. Mail: 1211 N. LaSalle St., Chicago 10, Ill.

Charlton, Harry W. (EF-1937) 1050 Richmond St., London, Ont. Canada.

Charlton, Ralph W., Dr. (F-1942) Development Supervisor, Congoleum Nairn Inc., 195 Belgrove Dr., Kearny, N. J.

Charron, Roy C., Dr. (F-1923) Director of Lab., United States Envelope Co., Talmadge Road, Metuchen, N. J.

Chartrand, V. Edward (M-1948) Technical Service Director, Andrew Brown Co. of Texas, P. O. Box 246, Irving, Tex. Mail: 10723 Royal

Springs Dr., Dallas 29, Texas.

Chase, George O., Dr. (F-1950) Sr. Chemist, Tech. Dev. Dept., Hoffmann - LaRoche, Inc., Nutley 10, N. J. Mail: 34 Sylvester Ave., Hawthorne, N. J.

Chason, Alvin L. (F-1944) Department Head, The Coca-Cola Co., P.O. Drawer 1734, Atlanta, Ga.

Cheremisinoff, Paul N. (M-1952) Plant Manager, Alsynite Co. of America, Paterson, N. J. Mail: 70 East Linden Ave., Dumont, N. J.

Cherkin, Arthur, Dr. (F-1947) Vice Pres. - International Div., Don Baxter, Inc., Glendale 1, Calif. Mail: 5624 Green Oak Dr., Los Angeles 28, Calif.

Chernaik, Joseph M. (F-1947) Director, Long Island Laboratories, 134-28 Northern Blvd., Flushing 54, N. Y.

Chiang, Yvonne (A-1956) 5020 Independence Ave., Riverdale, N. Y.

Chiego, Bernard, Dr. (L-1947) Director of Research, Bioresearch Laboratories, 116 Warwick St., Bloomfield, N. J.

Childs, E. B. (F-1953) Group Leader, Socony Mobil Oil Co., Inc., Brooklyn 22, N. Y. Mail: 1 Ashley Road, Hastings-on-Hudson, N. Y.

Choppin, A. R., Dr. (F-1944) Dean, College of Chemistry and Physics, Louisiana State University, 198 Coates Labs., Baton Rouge, La.

Christmann, Ludwig J., Dr. (F-1929) 9 Center Knolls, Bronxville 8, N. Y.

Ciprios, George (A-1953) Esso Research & Engineering Co., Linden, N. J. Mail: 540 W. 180th St., New York 33, N. Y.

Ciula, Richard Paul (A-1955) Univ. of Washington, Seattle 5, Wash., Mail: 4323 Brooklyn Ave., Seattle 5, Wash.

Clark, David M., Dr. (F-1954) Assistant Director of Research, W. R. Grace & Co., Research & Dev. Div., 3 Hanover Sq., New York 5, N. Y.

Clark, Ernest D., Dr. (EF-1936) 424 Harvard Ave., N., Seattle 2, Wash.

Clark, George L., Dr. (F-1936) Professor of Chemistry, Univ. of Illinois, Dept. of Chemistry, Urbana, Ill.

Clark, Le Roy V. (F-1936) Plant Manager, American Cyanamid Co., P.O. Box 270, New Castle, Pa.

Clark, Ronald L. (M-1946) Manager, Market Development, Collier Carbon and Chemical Corp., P.O. Box 128, Brea, Calif.

Clarke, Hans T., Dr. (Hon-1930) College of P. and S., Columbia University, 630 W. 168th St., New York 32, N. Y.

Clayton, John C., Dr. (M-1955) Senior Scientist, Westinghouse Atomic Power Div., P.O. Box 1468, Pittsburgh 30, Pa.

Clendenin, William Herman (F-1944) Chemical Engineer, Harchem Division, Wallace & Tiernan Inc., Dover, Ohio. Mail: 131 4th Street, N.W., New Philadelphia, Ohio.

Clingan, Bruce Waid (F-1942) Supv. Industrial Lab., Pittsburgh Plate Glass Co., 29 Riverside Ave., Newark, N. J.

Clodi, Charles E. (M-1951) Senior Technologist, Socony Mobil Oil Co., Inc., 150 E. 42 St., New York 17, N. Y.

Coats, Harry P., Dr. (EF-1929) 414 N. Firestone Blvd., Akron, Ohio.

Cocozza, Eugene P. (F-1953) Senior Engineer, Lansdale Tube Co., Lansdale, Pa.

Coffman, Quentin H. (M-1957) Research Chemist, Turco Products Inc., 6135 S. Central, Los Angeles, Calif.

Coghill, Robert D., Dr. (F-1953) Deputy Chief for Industrial Research, Cancer Chemotherapy, National Service Center, National Cancer Inst., Bethesda 14, Md.

Cohen, Elinor (A-1956) Evans Research & Dev'p. Corp., New York 17, N. Y. Mail: 43-08 41st St., Long Island City 4, N. Y.

Cohen, Samuel (M-1948) Glyco Prods. Co., Inc., New York 1, N. Y. Mail: 1267 Sheridan Ave., New York 56, N. Y.

Cohen, Samuel J. (F-1944) President, Enterprise Chemical Corp., 27 Green Acre Lane, Westport, Conn.

Cohoe, Wallace P., Dr. (EF-1938) 120 East 41st St., New York 17, N. Y.

Colbeth, Ivor M. (F-1947) Consultant, The Baker Castor Oil Co., Bayonne, N. J. Mail: 26 Claremont Dr., Maplewood, N. J.

Colburn, William, Dr. (F-1951) President, Colburn Laboratories, Inc., 732 S. Federal St., Chicago 5, Ill.

Cole, Albert J. (F-1942) Research Chemist, Firestone Plastics Co., Box 690, Pottstown, Pa. Mail: Route 18, Pottstown, Pa.

Cole, Everitt J. (F-1936) Manufacturers' Varnish Co. Inc., Brooklyn

31, N. Y. Mail: 510 Ave. C, Brooklyn 18, N. Y.

Cole, Harry L. Col. (EF-1936) Assoc. Prof. of chem., Emeritus, State College of Washington, Pullman, Wash. Mail: 10 So. Keeneway Dr., Medford, Ore.

Cole, James Webb, Jr., Dr. (F-1939) Prof. of Chemistry, Cobb Chemical Lab., University of Virginia, Charlottesville, Va.

Cole, Leland G., Dr. (F-1947) 309 Oxford St., Arcadia, Calif.

Cole, Otis D., Dr. (F-1946) Firestone Tire & Rubber Co., Akron, Ohio. Mail: 970 Dover Ave., Akron 20, Ohio.

Coleman, George W., Dr. (F-1937) Director of Research, Parker Mfg. Co., Worcester, Mass. Mail: A St., Southborough, Mass.

Coleman, Gerald H., Dr. (F-1948) Ass't. Director of Organic Lab., The Dow Chemical Co., Midland, Mich.

Coleman, Harold M., Dr. (F-1946) General American Transportation Corp., East Chicago, Ind. Mail: 7305 South Constance Ave., Chicago 49, Ill.

Collier, Charles V. (F-1938) Chief Chemist, Research, American Potash & Chemical Corp., Los Angeles 23, Calif. Mail: 4533 Alveo Road, La Canada, Calif.

Collier, Simon (F-1938) Director of Quality Control, Johns-Manville Corp., 22 E. 40th St., New York, N. Y.

Collins, Gordon H. (F-1952) Manager, Chem. Div., Purchasing Dept., E. I. du Pont de Nemours & Co., Wilmington, Del. Mail: 701 Goshen Ave., West Chester, Pa.

Collins, John F. (M-1954) Personnel Administrator, Armour Research Foundation, 10 West 35th St., Chicago 16, Ill.

Collins, John Gerald (M-1948) Technical Manager, Socony Paint Products Co., Los Angeles, Calif. Mail: 1009 W. Huntington Dr., Arcadia, Calif.

Colokathis, Bertha P. (M-1956) Head, Electroplating Dept., Transitron Electronic Corp., Wakefield, Mass. Mail: 37 Madison Ave., Wakefield, Mass.

Compton, Jack, Dr. (F-1939) Technical Director, Institute of Textile Technology, Charlottesville, Va.

Conant, James B., Dr. (Hon-1949) Conducting study of the American High School. 588 Fifth Ave., New York 36, N. Y.

Conary, Robert E., Dr. (F-1948) Ass't. Mgr. of Research & Development, The Texas Co., Texaco Research Center, Beacon, N. Y.

Coneybear, Savery F. (F-1951) Director of New Products Dev., Colgate-Palmolive Co., 300 Park Ave., New York 22, N. Y.

Congleton, John S. (F-1951) Supervisor, Synthetic Section, Maas and Waldstein Co., Newark, N. J. Mail: 305 North Rd. Smoke Rise, Butler, N. J.

Conklin, Albert E. (F-1929) Technical Director, C. A. Reed Co., Inc., Williamsport, Pa. Mail: 1324 Mansel Ave., Williamsport 9, Pa.

Conklin, Richard B., Dr. (F-1949) Assoc. Prof. Chemistry, Brooklyn College, Brooklyn 10, N. Y.

Connell, John W. (A-1950) Technical Representative, Shell Chemical Corp., 380 Madison Ave., New York 17, N. Y.

Connelly, Robert F. (M-1954) Sales Mgr., Aircraft & Chemical Divs., Bray Oil Co., Los Angeles 63, Calif. Mail: 6033 N. Camellia Ave., Temple City, Calif.

Conner, Robert T., Dr. (F-1939) Director, Research and Development Labs., Smith, Kline & French Labs., 1530 Spring Garden St., Philadelphia 1, Pa.

Connitt, G. Herbert, Dr. (F-1945) Smith, Kline & French Labs., Box 7929, Philadelphia 1, Pa.

Connor, C. Maurice (M-1933) W. C. Hamilton & Sons, Miquon, Pa., Mail: Fennerton Rd., Paoli, Pa.

Conrad, Carl M., Dr. (F-1948) Head, Cotton Fiber Sec., U.S.D.A., A.R.S., Southern Utilization Res. & Dev. Div., 1100 Robert E. Lee Blvd., New Orleans 19, La.

Convery, Robert J.,Dr. (A-1952) Research Chemist, E. I. du Pont de Nemours & Co., Polychemicals Dept., Research Div., Wilmington, Del.

Cook, Charles H. (F-1942) President, The Sterling Varnish Co., Haysville Boro, Sewickley P.O., Pa.

Cook, Elmer William, Dr. (F-1942) European Technical Representative, American Cyanamid Co., New York 20, N. Y. Mail: c/o Cyanamid of Great Britain Ltd., Bush House,

Aldwych, London, W.C. 2, England.

Cook, Elton S., Dr. (F-1940) Dean of Research, Institutum Divi Thomae, 1842 Madison Rd., Cincinnati 6, Ohio.

Cook, Hurley D. (M-1953) Project Chemist, Standard Oil Co. (Ind), Whiting, Ind. Mail: 3128 Eder, Highland, Ind.

Cook, Marvin K. (F-1957) Consulting Chemist, Norman Applezweig Associates, New York 14, N. Y. Mail: 1629 Burnett St., Brooklyn 29, N. Y.

Cook, Walter A., Dr. (F-1936) Professor of Chemistry, University of Akron, Akron 4, Ohio. Mail: 115 Firestone Blvd., Akron 1, Ohio.

Cooke, T. F., Dr. (F-1943) Asst. to Mgr., Textile Resin Dept., American Cyanamid Co., Bound Brook, N. J.

Coolidge, William David, Dr. (F-1936) Consultant on X-Rays, General Electric Co., Research Lab., P.O. Box #1088, Schenectady, N. Y.

Cooney, Robert C., Dr. (F-1944) Director of Research, H. Kohnstamm & Co., New York 7, N. Y. Mail: 937 Andover Terrace, Ridgewood, N. J.

Cooper, Richard C. (A-1956) Mail: 602 North Imboden, Apt. 204, Alexandria, Va.

Cooper, Willis M. (F-1956) Ass't. Gen'l. Mgr., Res. & Eng. Monsanto Chemical Co., Lindbergh & Olive St. Rds., St. Louis 3, Mo.

Cope, Arthur C., Dr. (F-1951) Head, Chemistry Dept., Mass. Inst. Technology, Cambridge 39, Mass.

Coppoc, W. J., Dr. (F-1943) Manager of Research & Dev., The Texas Co., P.O. Box 509, Beacon, N. Y.

Corbin, Milford H. (F-1943) Standard-Toch Chemicals, Inc., Staten Island 3, N. Y. Mail: 860 Fifth Ave., Apt. 14-A, New York 21, N. Y.

Corbitt Hugh B., Dr. (EF-1923) Riders Mills Road, Brainard, N. Y.

Corn, Morton (A-1955) Asst. San. Engr., U.S. Public Health Service, 4676 Columbia Pkwy., Cincinnati 20, Ohio.

Cornwell, Ralph T. K., Dr. (F-1936) Director of Research, Film Division, American Viscose Corp., Marcus Hook, Pa.

Cortelyou, Warren P., Dr. (F-1953) Professor & Chairman, Dept. of Chem., Roosevelt College, Chicago 5, Ill. Mail: 145 Custer Ave., Evanston, Ill.

Corwin, John F., Dr. (F-1947) Mgr. Planning Div., Koppers Co., Chemical Div., Pittsburgh 19, Pa. Mail: 81 Parkridge Lane, Pittsburgh 28, Pa.

Cosgrove, John F. (F-1940) Chief Bacteriologist, Hoffmann-LaRoche Inc., Nutley 10, N. J. Mail: 418 Mt. Prospect Ave., Apt. 8, Newark 4, N. J.

Cosimini, Joseph P. (M-1957) Supervisor, Process Development Lab., The Toni Co., St. Paul 1, Minn. Mail: 992 Euclid St., St. Paul 6, Minn.

Costigan, James T. (M-1954) Sharples Corp., New York 17, N. Y. Mail: 46 West Lane, Bay Shore, N. Y.

Cothran, John C., Dr. (EF-1940) Lecturer in Physical Science, Kansas State Teachers College, Emporia, Kan. Mail: 8 East 11th Ave., Emporia, Kan.

Cottle, Delmer Leroy, Dr. (L-1937) Research Chemist, Esso Research & Engineering Co., Elizabeth, N. J.

Cotton, William J. (F-1923) Owner and Manager, W. J. Cotton Labs., 3530 W. Fairmount Ave., Milwaukee 9, Wis.

Countryman, Robert C., Dr. (A-1945) Chemist, Du Pont Photo Products, Parlin, N. J. Mail: 15 Herman Drive, Spotswood, N. J.

Courtright, James R. (A-1951) Technologist (Research), E. I. du Pont de Nemours & Co., Inc., Philadelphia, Pa. Mail: 1243 Roosevelt Dr., Upper Darby, Pa.

Coutinho, Henri, Dr. (F-1944) President, The Sintos Co., Inc., 220 E. 21st St., New York 10, N. Y.

Cowen, Theodore (F-1941) Chemist, Isis Chemicals, Inc., Springdale, Conn. Mail: Hampshire House, 100 Strawberry Hill, Stamford, Conn.

Cowgill, George R., Dr. (F-1937) Professor of Nutrition, Yale University, New Haven 11, Conn. Mail: 261 Ridgewood Ave., Hamden 17, Conn.

Cowles, Harry D. (F-1952) Consultant, 180 North 19th St., East Orange, N. J.

Cowperthwaite, Irving A., Dr. (F-1936) Metallurgical Engineer, Thompson Wire Co., 41 Mildred Ave., Boston 26, Mass.

Cox, Edwin (F-1946) Chemist and Chemical Engineer, "Holly Hill", Aylett, Va.

Coyle, Theodore G. (F-1953) United Chromium, Inc., New York 17, N. Y.

Mail: 2 Overlook Rd., White Plains, N. Y.

Craig, David, Dr. (F-1956) Research Chemist, The B. F. Goodrich Co., Brecksville, Ohio. Mail: 2854 Lakeland Parkway, Cuyahoga Falls, Ohio.

Craig, Jack L. (M-1954) Manager, Plastics Market Research, Spencer Chemical Co., 610 Dwight Bldg., 10th & Baltimore, Kansas City, Mo.

Craig, L. E., Dr. (F-1956) Director of Research, Grand River Chemical Div., Deere & Co., Pryor, Okla.

Cramer, A. B., Dr. (F-1947) Chief Chemist, F & F Laboratories, 3501 W. 48th Pl., Chicago 32, Ill.

Cramer, Howard I., Dr. (F-1954) Director Technical Liaison, Pennsalt Chemicals Corp., Three Penn Center Plaza, Philadelphia 2, Pa. Mail: 15 E. Golf View Rd., Ardmore, Pa.

Crawford, J. W., Judge (EF-1923) Tilton, N. H.

Creelman, George D. (F-1946) President, Creelman Associates, Cleveland 6, Ohio. Mail: 2245 Harcourt Dr., Cleveland 6, Ohio.

Creitz, Ellis E. (F-1957) Supervisory Chemist, Anal., U.S. Bureau of Mines, P.O. Box L, University, Ala. Mail: Route 1, Tuscaloosa, Ala.

Crew, Billie (M-1957) Research Chemist, Thiokol Chemical Corp., Huntsville, Ala. Mail: Rt. 4, Box 80, Huntsville, Ala.

Crippen, Raymond C. (F-1953) Director, Crippen & Erlich Labs., Inc., Baltimore 2, Md. Mail: 5103 Crosswood Ave., Baltimore 14, Md.

Crittenden, Eugene D., Dr. (F-1947) Director of Research, Nitrogen Div., Allied Chemical & Dye Corp., Hopewell, Va.

Cromer, George W. (F-1937) Chemist, Gov't. Printing Office, Washington 25, D. C. Mail: 1417 N. St., N.W., Apt. 307, Washington 5, D.C.

Cronin, Virginia (A-1955) Ass't. Librarian, Universal Oil Products Co., Des Plaines, Ill. Mail: 1681 Spruce St., Des Plaines, Ill.

Crook, Charles D. (A-1955) 1414 North Holyoke, Wichita, Kan.

Crookshank, H. R., Dr. (F-1948) Animal Nutritionist, U.S.D.A., Agricultural Res. Service, Animal Husbandry Res. Div., P.O. Box 526, Amarillo, Tex.

Crossley, M. L., Dr. (Hon-1923) Research Specialist, Rutgers University, New Brunswick, N. J. Mail: 734 Park Ave., Plainfield, N. J.

Crossen, Leo H. (F-1946) Technical Representative, Interchemical Corp., Box 391, Rock Hill, S. C. Mail: 2218 Crescent Ave., Charlotte, N. C.

Crowe, Bernard F., Dr. (F-1956) Senior Chemist, Air Reduction Co., Inc., Murray Hill, N. J.

Crowe, James M. (F-1950) Executive Editor, ACS Industrial Publications, American Chemical Society, Washington 6, D. C. Mail: 1857 Ingleside Terrace N.W., Washington, D. C.

Crowley, Clyde A., Dr. (F-1936) Prof. of Chemistry, Arizona State College, Tempe, Ariz. Mail: 5618 E. Montecito Ave., Phoenix, Ariz.

Crutchfield, Orville Franklin (A-1943) Chemist, Naval Gun Factory, Washington, D. C. Mail: 318 Elm St., N.W., Washington, D. C.

Csendes, Ernest, Dr. (F-1957) Research Chemist, E. I. du Pont de Nemours & Co., Elastomer Chem. Dept., Wilmington, Del. Mail: 131-B Martin Lane, Monroe Pk., Wilmington, Del.

Cunningham, Eugene (A-1955) Route #1, Walbridge, Ohio.

Cunningham, George L., Dr. (F-1956) Chemical Consultant, 102 Church St., Greer, S. C.

Cunningham, George M. (F-1954) Dist. Sales Mgr., Olin Mathieson Chemical Corp., 3848 E. Colorado St., Pasadena, Calif.

Curado, Joseph G. (F-1948) Director, Graphic Arts Lab., Sun Chemical Corp., East Rutherford, N. J. Mail: 11 Beech St., Rutherford, N. J.

Curlin, Lemuel C., Dr. (F-1956) Chief Chemist, L. Perrigo Co., Allegan, Mich.

Curtis, Francis J. (Hon-1945) Vice President, Monsanto Chemical Co., St. Louis 24, Mo. Mail: 410 N. Newstead Ave., St. Louis 8, Mo.

Cuta, Regina M. (A-1956) Student, Woman's Medical College, Abbottsford Rd. & Henry Ave., Philadelphia 28, Pa.

Cziner, Rudolf (M-1956) Research & Development Div., W. R. Grace & Co., 3 Hanover Sq., New York 4, N. Y.

Dabovich, Thomas C. (M-1948) Industrial Chemical Div., Morton Salt Co., 120 LaSalle St., Chicago 3, Ill.

D'Adamo, Amedeo F. Jr., Dr.

(M-1955) American Cyanamid Co., Bound Brook, N. J. Mail: 123 Duer St., North Plainfield, N. J.

Da Fano, Ettore, Dr. (F-1953) Chief Chemist, The Sierracin Corp., Burbank, Calif. Mail: 390 Northcliffe Rd., Pasadena, Calif.

D'Agostino, Richard J., 1/Lt., U.S. A.F. (A-1955) Troop Carrier Pilot, 346th Trp. Carr. Sqdn., Stewart A.F.B., Tenn. Mail: 610 Staley St., Murfreesboro, Tenn.

Dahl, Philip P. (F-1957) Hygrade Food Products Corp., Baker Importing Div., Minneapolis, Minn. Mail: 5001 Moore Ave., Minneapolis, Minn.

Dahle, Joseph (F-1956) Consultant, Box 611, Allentown, Pa.

Dalby, Gaston (F-1956) Director of Res., Ward Baking Co., New York 54, N. Y. Mail: 51 Fifth Ave., New York 3, N. Y.

D'Alelio, G. F., Dr. (F-1943) Head, Chemistry Dept., University of Notre Dame, Notre Dame, Ind. Mail: 2011 E. Cedar St., South Bend, Ind.

Dalin, George A., Dr. (F-1948) Balco Research Labs., Newark, N. J. Mail: 1563 Van Ness Terrace, Union, N. J.

DallaValle, J. M., Dr. (F-1956) Regents' Professor, Chemical Engineering, Georgia Institute of Technology, Atlanta 13, Ga.

Dalter, Raymond S. (F-1955) Asst. to Associate Director, The Franklin Institute, Philadelphia 3, Pa. Mail: 8627 Wissahickon Ave., Philadelphia 28, Pa.

Dalton, John N. (F-1943) Textile Chemical Consultant, 900 Hope St., Providence 6, R. I.

Damitz, Frederick M. (F-1946) President, Natvar Corp., 211 Randolph Ave., Woodbridge, N. J.

Damon, Glenn H., Dr. (F-1941) Assistant Chief, Div. of Explosive Tech., U.S. Bureau of Mines, Pittsburgh 13, Pa. Mail: 366 Ashland Ave., Pittsburgh 28, Pa.

Dann, Frank W., Dr. (F-1957) Chief Chemist, Desitin Chemical Co., Providence 4, R. I. Mail: 18 Dartmouth Ave., Warwick 5, R. I.

Dannenberg, Eli M. (F-1956) Director of Research, Carbon Black Technical Div., Godfrey L. Cabot, Inc., 38 Memorial Drive, Cambridge 38, Mass.

Darbey, Albert (M-1924) Analytical Director, Eastern Color & Chemical Co., Providence, R. I. Mail: 74 Dean Ave., Centerdale 11, R. I.

Darby, George M. (EF-1938) The Dorr Co., Inc., Westport, Conn. Mail: 61 Washington Ave., Westport, Conn.

Dargan, William H. (F-1937) Babcock & Wilcox Co., Alliance, Ohio. Mail: Box 769, Athens, Ga.

Darling, Elton R., Dr. (F-1923) Consultant, Lauhoff Grain Co., Danville, Ill. Mail: R.R. No. 2 Fithian, Ill.

Darling, Stephen F., Dr. (F-1938) Head, Dept. of Chemistry, Lawrence College, Appleton, Wis. Mail: 617 E. Alice St., Appleton, Wis.

Darnell, James R. (M-1947) Mail: 3134 Hartzell St., Evanston, Ill.

Darrin, Marc (F-1937) Assoc. Dir. of Res., Mutual Chemical Div., Allied Chemical & Dye Corp., Baltimore 31, Md. Mail: 4401 Wickford Rd., Baltimore 10, Md.

Dart, Jack C. (F-1956) Vice President, Houdry Process Corp., Philadelphia, Pa. Mail: 206 Woodward Rd., Moylan, Pa.

Dasher, P. J., Dr. (F-1948) President, Dasher Rubber & Chemical Co, Fairport Harbor, Ohio.

Davidheiser, Lee Y., Dr. (F-1936) Prof. Emeritus of Chemistry, Wagner College, Staten Island 4, N. Y. Mail: 44 Woodside Ave., Staten Island 4, N. Y.

Davidson, Emil (F-1932) Secretary, Guild Molders Inc., 42 Hayes St., Elmsford, N. Y.

Davidson, Glenn M. (F-1953) Manager, Process Development, The Glidden Co., Room 900, Union Commerce Bldg., Cleveland, Ohio.

Davidson, William Lee, Dr. (F-1958) Assistant Director of Research, Central Research Lab., Food Machinery & Chemical Corp., P.O. Box 8, Princeton, N. J.

Davis, Arnold R. (F-1937) Manager, Rubber Chemical Res., American Cyanamid Co., Bound Brook, N. J. Mail: 95 Orchard Lane, Berkeley Heights, N. J.

Davis, Bernard J., Dr. (M-1947) Regional Sales Manager, Pennsylvania Industrial Chemical Corp., 2640 Canal St., New Orleans 19, La.

Davis, Evan E., Jr. (A-1945) Sun Oil Co., Marcus Hook, Pa. Mail: 90-8 Ferne Blvd., Drexel Hill, Pa.

Davis, Gilbert I., Dr. (F-1947) Analy-

tical Chemist, Lustgarten Labs., Philadelphia 31, Pa. Mail: 933 South 55th St., Philadelphia 43, Pa.

Davis, James E. (A-1956) Teaching Assistant, Massachusetts Institute of Technology, Cambridge 39, Mass. Mail: M.I.T. Graduate House, Cambridge 39, Mass.

Davis, Lewis (F-1936) Treasurer, Davis & Bennett, Inc., 194 Front St., Worcester, Mass. Mail: 62 Commodore Rd. Worcester, Mass.

Davis, Lloyd L. (L-1923) Continental Oil Co., Lummi Island, Wash.

Davis, Lloyd W. (F-1930) President, Modernage Travel Counselors, 101 East Baker Ave., Wildwood, N. J. Mail: P.O. Box 64, Wildwood, N. J.

Davis, Merton L., Dr. (M-1952) Research Chemist, E. I. du Pont de Nemours & Co., Camden, S. C. Mail: 1710 Brook Dr., Camden, S. C.

Davis, T. Allan (F-1951) Chief, Plastics & Protective Coatings Branch, Chemical & Rubber Div., Business & Defense Services Admin., U.S. Dept. of Commerce, Washington 25, D. C. Mail: 1016 Urell Pl., N.E., Washington 17, D. C.

Davis, Thomas W., Dr. (F-1942) Professor of Chemistry, New York University, University Heights, New York 53, N. Y.

Davison, Albert W., Dr. (F-1956) Consulting Engineer, 1199 Moundview Ave., Newark, Ohio.

Dawe, Harold J., Dr. (F-1948) Research Director, Acheson Industries, Inc., Port Huron, Mich. Mail: 4108 Gratiot Ave., Port Huron, Mich.

Dawson, Lyle Ramsay, Dr. (F-1952) Head, Department of Chemistry, University of Kentucky, Lexington, Ky.

Dawson, Paul R. (F-1924) Southern Regional Res. Lab., New Orleans, La. Mail: 2223 State St., New Orleans 18, La.

Day, Harry G., Dr. (F-1956) Chairman & Professor, Dept. of Chem., Indiana University, Bloomington, Ind.

Dean, Robert R. (F-1949) Manager, Commercial Development, Westvaco Chlor-Alkali Div., Food Machinery & Chemical Corp., 161 East 42nd St., New York 17, N. Y.

Dean, Robert W. (A-1953) Graduate Student, Research Fellow, College of Agriculture, Rutgers University, New Brunswick, N. J.

De Angelis, Fortuno A. (A-1953) Director of Public Relations, Foster D. Snell Inc., 29 West 15th St., New York 11, N. Y.

Debye, Peter J. W., Dr. (F-1948) Professor Emeritus, Chemistry Dept., Cornell University, Ithaca, N. Y.

DeCastro, Arthur (F-1942) Chief Chemist, Analytical Res. Lab., Nopco Chemical Co., Harrison, N. J. Mail: 142 S. 21st St., Irvington 11, N. J.

Deemer, Ralph B. (L-1923) 16114 Via Olinda, San Lorenzo Village, Calif.

Degering, Ed. F., Dr. (F-1938) Chief, Physical Chem. Section, QM R&D Command, QM R&D Center, Natick, Mass. Mail: 26 Robinhood Road, Natick, Mass.

Deitz, W. Robert (F-1956) Analytical Supervisor, National Petro Chemicals Corp., Box 109, Tuscola, Ill.

Deller, Anthony W. (F-1932) Patent Attorney, International Nickel Co. Inc., 67 Wall St., New York 5, N. Y.

Dellinger, Howard H. (F-1945) Chief Chemist, Paulsboro Refinery, Socony Mobil Oil Co., Inc., Paulsboro, N. J.

DeLoach, Will S.,Dr. (F-1956) Head, Dept. of Chemistry, Florence State Teachers College, Florence, Ala.

DeMarco, Arthur P. (A-1935) Philadelphia Naval Shipyard, Philadelphia 12, Pa. Mail: 7060 City Line Ave., Overbrook, Philadelphia 31, Pa.

DeMelfy, Frank A., Dr. (F-1931) Surgeon (also Physiological Chemistry), 2748 Charlotte St., Kansas City 3, Mo.

de Monsabert, Winston R., Dr. (F-1950) Assoc. Prof. of Chem., Loyola Univ., 6363 St. Charles Ave., New Orleans, La.

de Navarre M. G. (F-1946) Vice President, Cosmetic Laboratories, Inc., 2272 East Jefferson Ave., Detroit 7, Mich.

Denko, Charles W., Dr. (F-1956) Dept. of Medicine, University of Chicago Clinics, Chicago 37, Ill. Mail: 6452 Huron River Dr., Dexter, Mich.

DePhillips, Henry A. (F-1935) President & Technical Director, Coating Materials Labs., Inc., Nutley, N. J. Mail: 245 Highfield Lane, Nutley 10, N. J.

Derks, Miriam Ann, Dr. (A-1953) Postdoctoral Fellow, University of

Kansas Medical Center, Kansas City 12, Kan.

DeSimo, Martin, Dr. (F-1942) Bechtel Corp., 220 Bush St., San Francisco 4, Calif.

D'Eustachio, Gabriel (L-1923) Chemical Engineer, 175 Water St., Perth Amboy, N. J.

Deutschmann, Archie J., Jr., Dr. (F-1956) Ag. Biochemist, University of Arizona, Tucson, Ariz. Mail: R.R. 5, Box 350, Tucson, Ariz.

Dewey, Bradley, Jr., Dr. (F-1948) President, The Cryovac Co., Div. of W.R. Grace & Co., Cambridge 40, Mass.

Dewey, Davis R., II, Dr. (F-1956) President, Baird-Atomic, Inc., Cambridge 38, Mass. Mail: R.F.D., South Lincoln, Mass.

Dewey, Parker F. (F-1945) 3711 S. Clement Ave., Milwaukee 7, Wis.

DeWitt, Clyde C., Dr. (F-1938) P.O. Box 632, East Lansing, Mich.

Dews, Charles T. (F-1951) American Liberty Oil Co., Mt. Pleasant, Texas. Mail: 1306 E. Fourth St., Mt. Pleasant, Tex.

D'Ianni, James D., Dr. (F-1950) Assistant to Vice President, Res. & Dev., Goodyear Tire & Rubber Co., Akron 16, Ohio.

Dickenson John, IV (F-1951) Director of Pigment Research, The Harshaw Chemical Co., Cleveland 6, Ohio. Mail: 2894 Fontenay Rd., Shaker Heights 20, Ohio.

Dickey, J. B., Dr. (F-1956) Associate Director of Res., Tennessee Eastman Co., Kingsport, Tenn.

Diehl, H. C., Dr. (F-1936) Director & Secretary, The Refrigeration Research Foundation, 12 North Meade Ave., Colorado Springs, Colo.

Dienner, John A., Dr. (L-1944) Partner, Brown, Jackson, Boettcher & Dienner, 53 W. Jackson Blvd., Chicago 4, Ill.

Dietrich, Harold E. (F-1934) The Visking Corp., 6733 65th St., Chicago 33, Ill.

Dietz, Albert A., Dr. (F-1946) Biochemist, Toledo Hospital Institute of Medical Research, 2805 Oatis, Toledo 6, Ohio.

Dietz, Fred C., Dr. (F-1956) Instructor, Oakland Junior College, 5714 Grove St., Oakland 9, Calif.

Diggin, Myron B. (F-1952) Vice President & Technical Director, Hanson-Van Winkle-Munning Co., Matawan, N. J.

Dille, Charles A., Dr. (F-1948) Director, Dille Laboratories, 393 West First St., Dayton 1, Ohio.

Dillinger, Albert J. (F-1954) Van Ameringen-Haebler, Inc., New York 19, N. Y. Mail: 101 Brookview Dr., Woodcliff Lake, N. J.

Dinsmore, Ray P., Dr. (Hon-1936) Vice President, Research & Development, The Goodyear Tire & Rubber Co., 1144 E. Market St., Akron 16, Ohio.

Dippel, Harry W. (F-1951) President & Lab. Director, Stillwell & Gladding, Inc., New York 6, N. Y. Mail: 153 Ackerman Ave., Hohokus, N. J.

Dippel, William A., Dr. (A-1951) Research Chemist, E. I. du Pont de Nemours & Co., Eastern Lab., Gibstown, N. J. Mail: 1103 Crestover Rd., Graylyn Crest, Wilmington 3, Del.

Discher, Clarence A., Dr. (F-1956) Professor of Pharm. Chem., Rutgers University, College of Pharmacy, Newark 4, N. J. Mail: 55 Lincoln Ave., Newark 4, N. J.

Dix, James S. (A-1954) 317 N.E. Myers Ave., Bartlesville, Okla.

Dobay, Donald G., Dr. (F-1956) Research Chemist, B. F. Goodrich Co., Research Center, Brecksville, Ohio. Mail: 11300 Snowville Rd., Brecksville, O.

Doede, Clinton M., Dr. (F-1935) President, Quantum, Inc., Lufbery Ave., Wallingford, Conn.

Dohan, Jerome (F-1946) Solvay Process Div., Allied Chemical & Dye Corp., 1348 Block St., Baltimore 31, Md.

Doheny, James J., Jr. (F-1952) Manager, American Chemical Society, Chicago Sec., 86 East Randolph St., Chicago 1, Ill.

Doherty, David G., Dr. (M-1943) Senior Biochemist, Biology Div., Oak Ridge National Lab., Oak Ridge, Tenn. Mail: 411 East Drive, Oak Ridge, Tenn.

Doherty, Harry G. (M-1941) Senior Chemist, Socony Mobil Oil Co., Res. & Dev. Laboratory, Paulsboro, N. J. Mail: 210 Adams Ave., Pitman, N. J.

Dolid, Jacob, Dr. (F-1943) Director, Bridgeport Testing Lab., Inc., Bridgeport 10, Conn. Mail: 18 Plum Tree Lane, Bridgeport 4, Conn.

Dollinger, Jack H. (F-1947) General

Manager, Ferro Chemical Corp., Bedford, Ohio. Mail: Box 349, Bedford, Ohio.

Donegan, Joseph W. (F-1946) Supervisor, Bituminous Res., Barrett Div., Allied Chemical & Dye Corp., Edgewater, N. J. Mail: 525 Grand Ave., Leonia, N. J.

Donlan, Theodore R. (F-1946) Marketing Tech. Engr., Overseas Markets, Esso Research & Engineering Co., Linden, N. J. Mail: 626 Duquesne Terr., Union, N. J.

Donnellon, John B. (A-1943) Res. Chem. Engr. & Metallurgist, Anaconda Wire & Cable Co., Hastings on Hudson, N. Y. Mail: 472 Gramatan Ave., Mt. Vernon, N. Y.

Donovan, Paul F. (A-1955) Graduate Student, University of California, Berkeley, Calif. Mail: 2141½ McGee Ave., Berkeley 3, Calif.

Doody, Brother J. Edward, Dr. (F-1955) Chairman, Chemistry Dept., Christian Brothers College, East Parkway at Central, Memphis, Tenn.

Dooley, Harry H., Jr. (M-1946) United States Radium Corp., Bloomsburg, Pa. Mail: 104 Briarcliff Rd., Berwick, Pa.

Doolittle, Arthur K. (F-1956) Senior Scientist, Res. Dept., Union Carbide Chemicals Co., South Charleston, W. Va.

Doren, Neil M. (A-1955) 1426 W. Thorne Ave., Chicago 26, Ill.

Dorn, Herman W., Dr. (F-1940) Owner & Director of Res., Dorn & Co., 719 S. McClellan Ave., Decatur, Ill.

Dorr, John V. N., Dr. (F-1950) Honorary Chairman, Dorr-Oliver, Inc., 99 Park Ave., New York 16, N. Y.

Doty, Carl B. (F-1944) Owner, Chicago Ink & Research Co., 97 Ida Ave., Antioch, Ill.

Doty, Merle B. (F-1938) Supt., Dry Color Factory, The Sherwin-Williams Co., Chicago 28, Ill. Mail: 2000 W. 101st Pl., Chicago 43, Ill.

Doubleday, Ralph S. (F-1923) G. W. Carnrick Co., Newark 4, N. J, Mail: 256 Glen Ave., Milburn, N. J.

Douglas, William Richard (F-1952) Research Chemist, Research Facility, Orangeburg, N. Y. Mail: 416 E. 71st St., New York 21, N. Y.

Douglass, J. Curtis (A-1957) Teacher, Tuscaloosa High School, Tuscaloosa, Ala. Mail: 729 10th Ave., Tuscaloosa, Ala.

Douty, Alfred (F-1947) Technical Director, American Chemical Paint Co., Ambler, Pa.

Downs, Charles Raymond, Dr. (F-1923) Consulting Chemist & Chemical Engineer, 50 E. 41st St., New York 17, N. Y.

Dowzard, Edwin (L-1923) 1476 E. 45th St., Brooklyn 34, N. Y.

Drake, John Richard, Jr. (M-1949) Research Assistant, Willow Run Labs., University of Michigan, Ypsilanti, Mich. Mail: 1923 Mary Catherine, Ypsilanti, Mich.

Draper, John Daniel, Dr. (F-1956) Prof. of Chemistry; Head of Department, Bethany College, Bethany, W. Va.

Drauglis, Edmund (A-1955) 2404 N. Howard St., Philadelphia 33, Pa.

Dreisbach, Paul F., Dr. (F-1945) Supr. Technical Patent Liason Group, Research Div., American Cyanamid Co., Bound Brook, N. J.

Dressler, Hans, Dr. (M-1956) Senior Chemist, Koppers Co., Inc., Verona, Pa. Mail: 5700 Fifth Ave., Pittsburgh 32, Pa.

Drewsen, Pierre (EF-1943) Chemical Engineer, Box 104, Northampton, Mass.

Drimer, David (F-1943) 2356 E. 27th St., Brooklyn, N. Y.

Drogin, Isaac, Dr. (F-1936) Vice President, Research, United Carbon Co., Box 1913, Charleston 27, W. Va.

Dryer, Charles G. (F-1942) 1407 Fairidge Dr., Kingsport, Tenn.

Duane, William C. (F-1947) Carney Co., Inc., Mankato, Minn. Mail: 139 Clark St., Mankato, Minn.

Dubbs, Leland A. (F-1923) 22108 S. Avalon Blvd., Torrance, Rt. 2, Los Angeles County, Cailf.

Dubin, Harry E., Dr. (EF-1923) 43 Carlton Rd., New Rochelle, N. Y.

DuBois, A. S. (F-1951) Chemical Production Supervisor, West Chemical Products, Inc., Long Island City 1, N. Y. Mail: 395 Park Lane, Massapequa, L. I., N. Y.

Dubowski, Kurt M., Dr. (F-1947) Director of Chemistry, Iowa Methodist Hospital & Raymond Blank Memorial Hospital for Children, Des Moines 14, Iowa, also Criminalist, State of Iowa, Department of Public Safety, Des Moines 19, Iowa.

Dubpernell, G., Dr. (F-1948) Technical

Advisor, Metal & Thermit Corp., 1700 E. Nine Mile Rd., Detroit 20, Mich.

Dudley, James R., Dr. (F-1946) Vice President, The Richardson Co., Melrose Park, Ill.

Dulkin, S. I., Dr. (F-1954) Director, Chem-Tech Labs., 236½ S. Robertson Blvd., Beverly Hills, Calif.

Dunkle, Cyrus G. (F-1924) Physicist, Picatinny Arsenal, Dover, N. J. Mail: 15 Fairchild Ave., Morris Plains, N. J.

Dunlap, Lawrence H., Dr. (F-1953) Gen. Mgr., Chem. Div., Res. & Dev. Center, Armstrong Cork Co., Lancaster, Pa.

Dunn, Max S., Dr. (F-1953) Professor of Chemistry, University of California, Los Angeles 24, Calif.

Dunne, Theodore F. (F-1956) E. Fougera Co., Inc., Hicksville, N. Y. Mail: 328 Cross St., Sect. A, Apt. 1H, Fort Lee, N. J.

Dunning, Henry A. B., Dr. (F-1937) Chairman of the Board, Hynson, Westcott & Dunning, Inc., Charles & Chase Sts., Baltimore 1, Md.

Dunning, Preston M. (F-1936) Vice President, Colonial Works, Inc., 231 Norman Ave., Brooklyn 22, N. Y.

DuPuis, Robert Newell, Dr. (F-1950) Vice President, Research, Philip Morris, Inc., P.O. Box 1895, 7th & Stockton Sts., Richmond 15, Va.

Durham, E. J., Dr. (F-1936) Director, William H. Nichols Lab., New York University, New York 53, N. Y.

Dusenbury, Joseph H., Dr. (F-1953) Assistant Director of Research, Textile Research Institute, Princeton, N. J. Mail: P.O. Box 328, Lincoln Highway, Kingston, N. J.

Duswalt, Joan M., Mrs. (A-1954) Graduate Fellow, Purdue University, West Lafayette, Ind. Mail: 15-1 Ross-Ade Drive, W. Lafayette, Ind.

Dutton, R. G. (A-1954) Process Engineer, Douglas Aircraft Co., 3000 Ocean Park Blvd., Santa Monica, Calif.

Dyck, A. W. J., Dr. (F-1956) Editorial Director, Fritz Publications, Inc., Chicago 5, Ill. Mail: 109 Warwick St., Park Forest, Ill.

Dyer, Gloria Joan, Mrs. (M-1954) P.O. Box 49, Sharon, Conn.

Dyer, John S., Jr. (M-1954) P.O. Box 49, Sharon, Conn.

Eager, Doris Compton (M-1950) Apt. 406, 70 Park Ave., Bloomfield, N. J.

Earhart, Kenneth A. (F-1944) Chief Chemist, Resin Dev., Jones-Dabney Div., Devoe & Raynolds Co., Inc., Louisville 8, Ky. Mail: 310 Ring Rd., Louisville 7, Ky.

Earing, Mason H., Dr. (F-1955) Staff Member, Wyandotte Chemicals Corp., Wyandotte, Mich.

Earle, M. O. (F-1948) 1254 54th Ave., North, St. Petersburg 4, Fla.

Ebel, Robert H., Dr. (F-1942) Director of Process Development, American Cyanamid Co., Bound Brook, N. J.

Ebert, Joseph, Dr. (EF-1939) The Farastan Co., Inc., 2126 E. Somerset St., Philadelphia 34, Pa.

Eberts, Robert E., Dr. (A-1953) Research Chemist, Wyandotte Chemicals Corp., Wyandotte, Mich. Mail: 3653 18th St., Wyandotte, Mich.

Eby, Lawrence T., Dr. (F-1952) Senior Market Development Engineer, Market Development Div., Enjay Co., Elizabeth, N. J. Mail: 1105 DeWitt Terr., Linden, N. J.

Eck, J. C., Dr. (F-1955) Process Engineer, Allied Chemical & Dye Corp., Morristown, N. J.

Eck, Reinhard, Dr. (F-1945) The United Piece Dye Works, Lodi, N. J. Mail: 194 Park Way, Maywood, N.J.

Eckstein, Vincent F., Dr. (F-1941) Director of Technical Services, Merck Sharp & Dohme International, 161 Ave. of the Americas, New York 13, N. Y.

Edelson, Martin R. (A-1956) Dept. of Chemistry, Cornell University, Ithaca, N. Y.

Edelstein, Sidney M., Dr. (F-1947) President, Dexter Chemical Corp., New York 59, N. Y. Mail: 338 Hillcrest Rd., Englewood, N. J.

Ednie, Norman A., Dr. (F-1956) Research Supervisor, E. I. du Pont de Nemours & Co., Pioneering Research, Experimental Station, Wilmington, Del.

Edson, Frank George Dr. (F-1955) Professor of Chemistry, William Jewel College, Liberty, Mo. Mail: 131 Washington St., Apt. 66, Brighton, Mass.

Egan, Charles H. (F-1947) 550 Belmont St., Watertown, Mass.

Egan, Edward G. (F-1955) American Mineral Spirits Co., New York 17, N. Y. Mail: 1 Grimes Rd., Old Greenwich, Conn.

Egan, James E., Dr. (EF-1936) Re-

tired, Proctor & Gamble Mfg. Co., Port Ivory, Staten Island, N. Y.

Ehrgott, Richard E. (A-1955) 562 W. 113th St., New York 25, N. Y.

Ehrlich, J., Dr. (F-1923) Consulting Chemist, 153 So. Doheny Drive, Beverly Hills, Calif.

Eichelberger, Mark W. (F-1947) P.O. Box 276, West Chicago, Ill.

Eisenman, Herschel I. (F-1930) President, Globe Fur Dyeing Corp., 521 W. 26th St., New York 1, N. Y.

Eisenman, W. H. (F-1937) American Society for Metals, 7301 Euclid Ave., Cleveland 3, Ohio.

Eisenschiml, Otto, Dr. (F-1942) Chairman of Board, Scientific Oil Compounding Co., Inc., 1637 S. Kilbourn Ave., Chicago 23, Ill.

Elder, Albert L., Dr. (F-1944) Corn Products Refining Co., Argo, Ill. Mail: 612 S. Stone Ave., La Grange, Ill.

Elder, Nathan Ryals (M-1954) Research Biochemist, Veterans Administration Research Hospital, Chicago, Ill. Mail: 5000 South Blackstone Ave., Hyde Park, Chicago 15, Ill.

Elm, Adolf C., Dr. (F-1936) Research Supervisor, The New Jersey Zinc. Co., Palmerton, Pa. Mail: 475 Lafayette Ave., Palmerton, Pa.

Elmer, Otto C., Dr. (F-1955) Sr. Res. Chemist, General Tire & Rubber Co., Akron, Ohio. Mail: 720 Hillsdale Ave., Akron 3, Ohio.

Elsenbast, Arthur (F-1944) Retired, Johns-Manville Corp., New York 16, N. Y. Mail: Stanwich Lane, Greenwich, Conn.

Elwood, Walter L., Jr. (F-1949) Plant Manager, Chas. Pfizer & Co., Inc., Groton, Conn.

Emery, Alden H., Dr. (F-1951) Executive Secretary, American Chemical Society, 1155 - 16th St., N.W., Washington 6, D. C. Mail: 8101 Park Crest Dr., Silver Spring, Md.

Emmerich, Fred J., Dr. (Hon-1952) Director, Allied Chemical & Dye Corp., 61 Broadway, New York 6, N. Y.

Emmett, Paul H., Dr. (F-1957) Prof. of Chemistry, Johns Hopkins University, Baltimore, Md.

Engel, John Richard (A-1953) Chemical Engineer, Union Carbide Nuclear Co., Oak Ridge, Tenn. Mail: Apt. 308, 228 N. Purdue Ave., Oak Ridge, Tenn.

Engelbach, Thomas J. (M-1957) Product Manager, Borne Chemical Co., Elizabeth, N. J. Mail: 3 Coral Pl., Middletown, N. J.

Engelhardt, Carl L. (F-1935) Technical Director, Brooklyn Paint & Varnish Co., Inc., 50 Jay St., Brooklyn 1, N. Y.

Entemann, Charles E., Dr. (F-1931) Process Development, Diamond Alkali Co., Painesville, Ohio. Mail: 322 Fairgrounds Rd., Painesville, Ohio.

Entrikin, John B., Dr. (F-1936) Head, Dept. of Chemistry, Centenary College of Louisiana, Shreveport, La.

Eny, Desire M., Dr. (F-1954) Chief, Weapons Division, ENCOM, U.S. Army Chemical Corps, Army Chemical Center, Md.

Enyedy, Zoe A., Mrs. (A-1954) Chemist, Standard Oil Co. of Ohio, Cleveland, Ohio. Mail: 270 East 244th St., Cleveland 23, Ohio.

Eppley, Marion, Dr. (F-1936) President, The Eppley Laboratory, Inc., 12 Sheffield Ave., Newport, R. I.

Epstein, Martin E., Dr. (A-1948) Senior Chemist, Pennsylvania Industrial Chemical Corp., Chester, Pa.

Erdman, J. Gordon, Dr. (F-1940) Senior Fellow, Mellon Institute of Industrial Research, Pittsburgh 13, Pa.

Ericks, Walter P., Dr. (F-1942) Vice President & Dir. of Research, The Upson Co., Lockport, N. Y. Mail: 644 East Ave., Lockport, N. Y.

Erickson, Harry J. (F-1943) Chief Chemist, Aurora Gasoline Co., 2920 E. Laketon Ave., Detroit, Mich.

Erickson, Richard C. (A-1955) Chemical Lab. Specialist, U.S. Army Medical Research Lab., Fort Knox, Ky. Mail: 809 N. Ridgeland Ave., Oak Park, Ill.

Ernsberger, M. L., Dr. (F-1956) Director of Research, Organic Chemicals Dept., E. I. Du Pont de Nemours & Co., Wilmington, Del.

Esberg, Alfred M. (F-1954) 1197 Arden, Pasadena, Calif.

Estee, Charles R., Dr. (F-1956) Head, Department of Chemistry, State University of South Dakota, Vermillion, S. Dak.

Etienne, Arthur D. (F-1956) Chemist, U.S. Internal Revenue, A. & T.T. Div., Internal Revenue Bldg., Washington, D. C. Mail: 3888 Porter St., N.W., Washington 16, D. C.

Evans, Ralph L., Dr. (L-1936) President, Evans Research & Develop-

ment Corp., 250 East 43rd St., New York 17, N. Y.

Evans, Thomas Fitz-Hugh (A-1951) Operating Supervisor - Production, Monsanto Chemical Co., Springfield, Mass. Mail: 69 Sherwood Road, Springfield 9, Mass.

Evenson, Oscar L. (F-1928) 10722 Rose Hedge Dr., Whittier, Calif.

Everett, Mark Reuben, Dr. (F-1936) Director of University of Oklahoma Medical Center; Dean, School of Medicine, University of Oklahoma, 800 N.E. 13th St., Oklahoma City 4, Okla.

Everett, Ralph H. (F-1936) Executive Vice President, M. J. Merkin Paint Co., Inc., 1441 Broadway, New York 18, N. Y.

Ewell, Eugene R. (F-1943) Research Chemist, The Lowe Brothers Co., Dayton 2, Ohio. Mail: 1473 Cardington Rd., Dayton 9, Ohio.

Fahrenbach, Marvin J., Dr. (F-1943) Group Leader, Nutrition & Physiology Research, Lederle Laboratories, American Cyanamid Co., Pearl River, N. Y. Mail: 120 E. Central Ave., Pearl River, N. Y

Fair, W. F., Jr., Dr. (F-1944) Coating Consultant, Koppers Co., Pittsburgh, Pa. Mail: Plum St., Verona, Pa.

Fall, Harry H., Dr. (F-1956) Senior Research Chemist, The General Tire and Rubber Co., 1708 Englewood Ave, Akron 9, Ohio.

Fancher, Otis E., Dr. (F-1956) Head, Organic Chem. Section, Miles Laboratories, Inc., Elkhart, Ind. Mail: 1725 Rainbow Bend Blvd., Elkhart, Ind.

Farber, Eduard, Dr. (F-1945) Consultant, 4530 Brandywine St., N.W., Washington 16, D. C.

Farber, Hugh A. (A-1956) Graduate Student, Northwestern University, Evanston, Ill. Mail: 1013 Simpson, Evanston, Ill.

Farinacci, Nicholas T., Dr. (F-1947) Owner & Director, Scien-Tech, New York 1, N. Y. Mail: 3 East Ninth St., New York 3, N. Y.

Farkas, Howard (F-1945) Vice President, The United States Stoneware Co., 60 East 42nd St., New York 17, N. Y.

Farquhar, Gale B. (M-1956) Chemist, The Superior Oil Co., Geol. Lab., Box 1031, Bakersfield, Calif.

Farrar, Ralph C., Jr., Dr. (A-1953) Research Chemist, Phillips Petroleum Co., Bartlesville, Okla. Mail: 1548 Hickory, Bartlesville, Okla.

Farren, Ann L. (M-1957) Chemist - Public Relations, American Chemical Society News Service, 2 Park Ave., New York 16, N. Y. Mail: D-2, 7411 Blvd. East, North Bergen, N. J.

Farst, James R. (A-1956) Operations Engineer, Columbia-Southern Chemical Corp., Barberton, Ohio. Mail: Box 202 C, R.D. #2, Wadsworth, Ohio.

Fasig, Edgar W. (F-1938) Vice President - Manufacturing, The Lowe Brothers Co., 424 East 3rd St., Dayton 2, Ohio.

Fatora, Frank C., Jr., Dr. (M-1951) Development Chemist, American Cyanamid Co., Bound Brook, N. J. Mail: 261 N. Drive, N. Plainfield, N. J.

Faull, J. Horace, Jr., Dr. (F-1948) Consultant, 72 Fresh Pond Lane, Cambrdge 38, Mass.

Fazel, Charles S., Dr. (F-1937) 102 Rulofson, Santa Cruz, Calif.

Feazel, Charles Elmo, Dr. (F-1956) Head, Applied Chemistry Div., Southern Research Institute, Birmingham 5, Ala. Mail: 827 Sims Ave., Birmingham 9, Ala.

Feeney, Robert J., Dr. (F-1956) Res. Project Coordinator, Chas. Pfizer & Co., Inc., Brooklyn 6, N. Y. Mail: 6 Bunker Hill Dr., Huntington, N. Y.

Feier, Milton (F-1955) Director of Research, The Panray Corp., Englewood, N. J. Mail: 586 Broad Ave., Englewood, N. J.

Fein, Elliott D. (A-1957) Florasynth Laboratories, Inc., Bronx 62, N. Y. Mail: 226 W. Tremont Ave., New York 53, N. Y.

Feinberg, Max (M-1955) Armed Services Medical Procurement Agency, Brooklyn 1, N. Y. Mail: 121-43 233 St., Rosedale 22, N. Y.

Feinstein, Hyman I. (F-1934) Chemist, U.S. Geological Survey, Washington 25, D. C. Mail: 1400 Drexel St., Takoma Park 12, Md.

Feinstein, Louis, Dr. (F-1956) Supervisory Chemist, Biological Sciences, AMS, USDA, Beltsville, Md.

Feldman, M. H., Dr. (F-1956) Consultant to Mgr. Adv. Dev., Westinghouse Atomic Power Div., Pittsburgh 30, Pa. Mail: 488 Long Dr., Pittsburgh 28, Pa.

Feo, Edmund G. (M-1954) Chemist, Analytical, Smith-Emery Co., Los Angeles 15, Calif. Mail: 7909 Willis Ave., Van Nuys, Calif.

Ferguson, Ora (A-1956) 525 Perry Drive, Perrysburg, Ohio.

Fernelius, W. Conard, Dr. (F-1945) Head, Dept. of Chem., Pennsylvania State University, University Park, Pa. Mail: 305 Adams Ave., State College, Pa.

Ferry, Ronald M., Dr. (F-1948) Associate Professor Emeritus, Harvard University, Cambridge 38, Mass. Mail: Barnes Hill Rd., Concord, Mass.

Fetherston, Theodore R. (F-1956) Chief Chemist, Newark Plant, The Griffith Laboratories, Inc., 37 Empire St., Newark 12, N. J.

Fetter, Edward J. (A-1955) 2632 W. Seltzer St., Philadelphia 32, Pa.

Fettes, Edward M., Dr. (F-1950) Manager, Research & Devel. Dept., Thiokol Chemical Corp., Trenton 7, N. J.

Feuchter, Harold W. (F-1952) Sales Dept., J. T. Baker Chemical Co., Phillipsburg, N. J. Mail: 1115 Emerson Ave., West Englewood, N. J.

Feuer, Bertram, Dr. (F-1923) Consultant, Bertram Feuer & Associates, 664 N. Michigan Ave., Chicago 11, Ill.

Fibel, Lewis R., Dr. (F-1942) Professor and Head of Chemical Technology Dept., New York City Community College, 300 Pearl St., Brooklyn 1, N. Y.

Ficklen, Joseph B., III (F-1931) Consulting Chemical Engineer, 1848 East Mountain St., Pasadena 7, Calif.

Fiekers, Bernard A. S. J. Rev., Dr. (F-1942) Prof. Chem.; Chairman, Dept. of Chemstry, Holy Cross College, Worcester, Mass.

Field, David (F-1950) Chief Chemist & Production Director, Standard Chemical Co., Miami, Fla. Mail: 5825 S.W. 9th Terr., West Miami, Fla.

Field, Edmund, Dr. (F-1949) Senior Research Associate, Standard Oil Co., (Ind.), Box 431, Whiting, Ind.

Field, Theodore E., Dr. (F-1943) Technical Director, Corhart Refractories Co., Louisville, Ky. Mail: 1554 Cardinal Dr., Louisville 13, Ky.

Fielding, John H. (F-1953) Armstrong Rubber Co., West Haven, Conn., Mail: Green Hill Rd., Orange, Conn.

Finelli, Anthony F., Dr. (F-1956) Research Chemist, Goodyear Tire and Rubber Co., Akron, Ohio. Mail: 69 Westgay Dr., Akron 13, Ohio.

Finholt, James E. (A-1955) 2535 College Ave., Berkeley 4, Calif.

Finley, Mark F., Jr. (L-1925) U.S. Veteran's Administration Facility Hospital, Perry Point, Md.

Finn, John J. (F-1957) Associate Chemist, Armour Research Foundation, Technology Center, Chicago 16, Ill.

Finnegan, Thomas (F-1937) Chemical Engineer, Niagara Mohawk Power Corp., 535 Washington St., Buffalo 3, N. Y.

Firth, Frank E. (F-1947) President, Fisheries Engineering, Inc., 1100 Randolph Ave., Milton 86, Mass.

Fischer, Albert K., Dr. (A-1953) Res. Chemist, Electrometallurgical Co., Metals Res. Lab., P.O. Box 580, Niagara Falls, N. Y.

Fischer, Martin H., Dr. (F-1940) Professor Emeritus of Physiology, 107 Physics Bldg., University of Cincinnati, Cincinnati 21, Ohio.

Fisher, Austin W., Jr., Dr. (F-1950) Manager, Business Dev., Res. & Dev. Div., Arthur D. Little, Inc., Cambridge 42, Mass. Mail: 1303 Massachusetts Ave., Lexington 73, Mass.

Fisher, Bruce S., Dr. (A-1952) Res. Chemist, Elastomer Chemicals Dept., E. I. du Pont de Nemours & Co., Chambers Works, Deepwater, N. J. Mail: 2000 Inglewood Dr., Apt. D, Fairfax, Wilmington 3, Del.

Fisher, C. H., Dr. (F-1955) Dir. of Div., Southern Utilization Res. & Dev. Div., A.R.S., U.S.D.A. 1100 Robert E. Lee Blvd., New Orleans 19, La.

Fisher, Harry L., Dr. (Hon-1936) Vice President, Ocean Minerals, Inc., 4116 Santo Tomas Drive, Los Angeles 8, Calif.

Fiske, Cyrus H., Dr. (F-1936) Professor Emeritus of Biological Chemistry, Harvard University, Cambridge, Mass. Mail: 1155 Massachusetts Ave., Lexington 73, Mass.

Fitch, Bryant (F-1956) Director of the Westport Laboratories, Dorr-Oliver, Inc., Westport, Conn.

Flaumenhaft, Irving (F-1932) President, Lacquer & Chemical Corp., 214 40th St., Brooklyn 32, N. Y.

Flentge, Arthur C. (F-1936) Instructor, Erie County Technical Inst., Buffalo 7, N. Y. Mail: 223 McKinley Ave., Kenmore 17, N. Y.

Fletcher, John G. (F-1955) Commodity Specialist, U.S. Tariff Commission, Washington 25, D. C. Mail: 6904 Strathmore St., Chevy Chase 15, Md.

Fletcher, Lewis A., Dr. (F-1956) Professor of Chemistry, Brenau College, Gainesville, Ga. Mail: 205 Boulevard, Gainesville, Ga.

Flett, Lawrence (Hon-1943) Consultant, National Aniline Div., Allied Chemical & Dye Corp., New York 6, N. Y. Mail: New London, N. H.

Flexer, Leo A., Dr. (F-1950) Group Chief, Hoffmann-LaRoche, Inc., Nutley 10, N. J. Mail: 3 The Fairway, Upper Montclair, N. J.

Fleysher, Maurice H., Dr. (F-1945) Senior Res. Chemist, National Aniline Div., Allied Chemical & Dye Corp., Buffalo 5, N. Y. Mail: 67 Admiral Rd., Buffalo 16, N. Y.

Flick, Fulton B. (F-1936) Partner, Brown, Critchlow, Flick & Peckham, 1706 First Natl. Bank Bldg., Pittsburgh 22, Pa.

Fligor, K. K. (F-1943) Head of Plastic Section, Goodyear Tire & Rubber Co., Akron, Ohio. Mail: 446 E. Howe Rd., Tallmadge, Ohio.

Florsheim, Siegfried, Dr. (EF-1930) Hotel Regent, 2720 Broadway, New York 25, N. Y.

Foley, Francis B. (F-1947) International Nickel Co., New York 5, N. Y. Mail: 3418 Warden Dr., Philadelphia 29, Pa.

Folt, Vernon L. (F-1956) Section Leader, The B. F. Goodrich Co., Research Center, Brecksville, Ohio. Mail: 150 Rhodes Ave., Akron, Ohio.

Foote, Chauncey P., Jr. (F-1945) American Bank Note Co., Bronx 59, N. Y. Mail: 86 Prospect Dr., Chappaqua, N. Y.

Forbes, John C., Dr. (F-1939) Prof. Research Biochemistry, Medical College of Virginia, Richmond, Va.

Forchielli, Americo Lewis (A-1950) Laboratory Director, Masury-Young Co., 76 Roland St., Boston 29, Mass.

Ford, Thomas C. (F-1936) President, Artcrest Products Co., Inc., 255 W. 79th St., Chicago 20, Ill.

Fordemwalt, Fred, Dr (F-1946) Asst. to Director of Labs., Res. Div., Am. Cyanamid Co., Bound Brook, N. J. Mail: 323 Union Ave., Middlesex, N. J.

Formikell, Alec E. (M-1942) Chem. Eng., Oneida Ltd., Oneida, N. Y. Mail: 24 State St., Oneida Castle, N. Y.

Forrester, Frank R., Dr. (F-1954) Senior Chemist, Hoffmann-LaRoche Inc., Nutley 10, N. J. Mail: 10 Sunset Drive W., Nutley 10, N. J.

Fort, Charles A. (F-1923) Chemist, U.S. Dept. of Agriculture, New Orleans 19, La. Mail: 430 Florida Blvd., New Orleans 24, La.

Forys, Joseph R. (A-1956) Management Trainee, Pittsburgh Plate Glass Co., Greensburg, Pa. Mail: 70 Meadowbrook Ave., Greensburg, Pa.

Fosbinder, Russel J., Dr. (F-1936) Peapack, N. J.

Fossum, John H., Sr., Dr. (F-1956) Senior Res. Chemist, American Viscose Corp., Marcus Hook, Pa. Mail: 236 Duncan Ave., Wilmington 3, Del.

Foster, Charles H., Jr. (M-1951) 2018 Woodland Road, Abington, Pa.

Fowles, George A. (F-1956) Manager, Plastic Materials Sales, B. F. Goodrich Chemical Co., 3135 Euclid Ave., Cleveland, Ohio.

Fox, Sereck H., Dr. (F-1945) Professor of Industrial Pharmacy, Wayne State University, Detroit 2, Mich. Mail: 329 Linden Rd., Birmingham, Mich.

Foy, George F. (F-1954) Asst. to Manager, Fine Chemicals Div., Shulton, Inc., 697 Route 46, Clifton, N. J.

Francis, Richard J. (F-1956) 25 East Depot, Pataskala, Ohio.

Franco, Peter James (A-1955) Patent Attorney, 55 Liberty St., New York 5, N. Y.

Frank, Harry E. (M-1948) Chief Chemist, Gulf Mobile & Ohio R.R., Bloomington, Ill.

Frankel, Sidney A. (F-1955) Chemical Engineer, Rubber Chemicals Manufacturing Dept., American Cyanamid Co., Bound Brook, N. J. Mail: 2 Roger Rd., Nixon, N. J.

Fraser, David A. (M-1950) Chemist, U.S. Public Health Service, Occupational Health Program, 1014 Broadway, Cincinnati, Ohio.

Fraser, O. B. J. (F-1951) Assistant Manager, Development & Research Div., The International Nickel Com-

pany, Inc., 67 Wall St., New York 5, N. Y.

Fredericks, Robert J., (A-1956) Esn., U.S.N. U.S. Naval Boiler & Turbine Lab., Philadelphia 12, Pa. Mail: B.O.Q., 1425 Snyder Ave., Philadelphia 12, Pa.

Frediani, Harold A., Dr. (F-1956) Executive Director of Control, Bristol Laboratories Inc., P.O. Box 657, Syracuse 1, N. Y.

Frederickson, James A. (F-1937) Special Assistant to Dir. of Sales, E. I. du Pont de Nemours & Co., Pigments Dept., Wilmington 98, Del. Mail: 100 W. 38th St., Wilmington 2, Del.

Free, Alfred H., Dr. (F-1948) Head, Biochemistry Sec., Miles-Ames Research Laboratory, Elkhart, Ind.

Freed, Meyer L. (F-1938) Director and Owner, Freed Research Labs., Seymour, Conn. Mail: Box 231, Chatfield St., Seymour, Conn.

Freedman, Ephraim (F-1932) Director, Bureau of Standards, R. H. Macy Co., Inc., Herald Square, New York 1, N. Y.

Freedman, Louis, Dr. (L-1923) U.S. Vitamin Corp., 250 E. 43rd St., New York, N. Y.

Freedman, Robert W., Dr. (F-1951) Section Leader, Analytical Research, Pittsburgh Consolidation Coal Co., Library, Pa.

Freeland, Lee Talbert (A-1955) Instructor, U.S. Army Chemical Corps School, Ft. McClellan, Ala. Mail: 25 Oriole St., New Orleans, La.

Freitag, Harlow (A-1955) Student, Yale University, New Haven, Conn. Mail: Sterling Chemistry Lab., Yale University, New Haven, Conn.

Freundlich, Leo, Dr. (F-1931) Consultant, 129 N. Walnut St., East Orange, N. J.

Frey, Albert J., Dr. (F-1946) Vice President, Hoffmann-LaRoche, Inc., Nutley, N. J. Mail: 95 Upper Mountain Ave., Montclair, N. J.

Frey, Charles N., Dr. (F-1936) Lecturer, Consultant, Massachusetts Institute of Technology. Mail: 45 Cambridge Rd., Scarsdale, N. Y.

Frey, Joseph, Dr. (F-1938) Standardized Rem. Inc., 5602 - 12th Ave., Brooklyn 19, N. Y.

Friderici, Edwin D. (F-1947) Chief Chemist, Mohasco Industries, Inc., Amsterdam, N. Y.

Fried, John B. (F-1948) Sales Representative, American Cyanamid Co., New York 18, N. Y. Mail: 88-35 Elmhurst Ave., Elmhurst 73, N. Y.

Friedlander, Martin (A-1954) 1837 E. 17th St., Brooklyn 29, N. Y.

Friedman, Aaron (F-1934) Chemical Engineer, Joe Lowe Corp., New York 1, N. Y. Mail: Apt. 5E, 327 Central Park West, New York 25, N. Y.

Friedman, Bernard S., Dr. (F-1942) Research Associate, Sinclair Research Laboratories, Inc., 400 E. Sibley, Harvey, Ill.

Friedman, Harry (F-1943) Commercial Chemicals Co., Box 285-C, R.F.D. No. 2, Rahway, N. J.

Friedman, H. Martin (F-1950) Research Director, Emkay Chemical Co., Elizabeth, N. J. Mail: 107 Makatom Dr., Cranford, N. J.

Frishman, Daniel, Dr. (F-1952) Director of Res. & Dev., Malden Mills, 46 Stafford St., Lawrence, Mass.

Fritz, Georgia Thomas (A-1955) Teaching Assistant, Graduate Student, Cornell University, Dept. of Chem., Ithaca, N. Y.

Froeder, Rudolph H. (A-1955) Chemist, Isomet Corp., Englewood, N. J. Mail: 227 Prospect St., Englewood, N. J.

Froelicher, Victor, Dr. (F-1939) Mgr., Prod. Dept., Geigy Pharmaceuticals, Box 430, Yonkers, N. Y.

Frost, Albert E., Dr. (F-1956) Research Chemist, The Dow Chemical Co., Eastern Research Lab., 875 Waverly St., Framingham, Mass.

Frost, Walter S., Dr. (F-1943) President & Treasurer, Frost Laboratories, Inc., 430 Lexington St., Auburndale 66, Boston, Mass.

Fullaway, Richard M. (F-1952) Standard Oil Co. of Calif., La Habra, Calif. Mail: 7501 S. La Salle Ave., Los Angeles 42, Calif.

Fuller, J. A., Dr. (F-1956) Personnel Representative, California Research Corp., 200 Bush St., San Francisco, Calif. Mail: 301 Ross Drive, Mill Valley, Calif.

Fulson, Franklin C. (M-1956) Research Chemist, Titanium Alloy Mfg. Div., National Lead Co., Niagara Falls, N. Y. Mail: 220 North 9th St., Lewiston, N. Y.

Fuzek, John F., Dr. (F-1956) Research Leader - Physics Group, North American Rayon Corp., Elizabeth-

ton, Tenn. Mail: Sylvan Hill Road, Elizabethton, Tenn.

Fuzer, Edward (A-1955) R. C. A. College Relations, Camden, N. J.

Fyffe, N. Harold (M-1947) Special Assistant to Director of Sales, Hooker Electrochemical Co., 60 East 42nd St., New York 17, N. Y.

Gaebler, O. H., Dr. (1948) Head, Biochemistry Dept., Edsel B. Ford Institute for Medical Research, Detroit 2, Mich. Mail: 18410 Northlawn, Detroit 21, Mich.

Gaffin, Fisher (F-1950) Sales Representative, J. T. Baker Chemical Co., 122 East 42nd St., New York 17, N. Y.

Gajewski, Fred J., Dr. (F-1947) General Aniline & Film Corp., Linden, N. J. Mail: 30 Westbrook Rd., Westfield, N. J.

Gall, Edward J. (A-1954) Graduate Student, University of Illinois, Urbana, Ill. Mail: 310 W. Green St., Urbana, Ill .

Galler, William (F-1953) Chemist, Heterochemical Corp., 111 East Hawthorne Ave., Valley Stream, N. Y.

Gallo, S. George, Dr. (F-1946) Training Supervisor, Creole Petroleum Corp., 1230 Ave. of the Americas, New York 20, N. Y.

Gangemi, Nicholas C. (F-1956) Pennsylvania Industrial Chemical Corp., Chester, Pa. Mail: 1126 Isabel Lane, West Chester, Pa.

Gans, David M., Dr. (F-1945) Director of Res., The Arco Co. (American Marietta), 7301 Bessemer Ave., Cleveland 27, Ohio.

Ganz, A. Jerome (F-1957) Food Technologist, Hercules Powder Co., Wilmington 99, Del. Mail: 604 W. 11th St., Wilmington, Del.

Garard, Ira D., Dr. (EF-1938) Professor Emeritus, Rutgers University, New Brunswick, N. J. Mail: 410 W. Belvedere St., Lakeland, Fla.

Gardiner, Eli, Dr. (F-1947) Owner-Director, Gardiner Labs., 71-47 Austin St., Forest Hills 75, N. Y.

Gardner, Charles (F-1948) Manager, Paint Chemical Div., Witco Chemical Co., 122 E. 42nd St., New York 17, N. Y.

Gardner, George S. (F-1944) American Chemical Paint Co., Ambler, Pa. Mail: 8346 Roberts Rd., Elkins Park 17, Pa.

Gardner, William H., Dr. (F-1935) National Aniline Div., Allied Chemical & Dye Corp., Portchester, N. Y. Mail: 29 Merriam Ave., Bronxville, N. Y.

Garnatz, George F. (F-1938) Director, The Kroger Food Foundation, 1212 State Ave., Cincinnati 4, Ohio.

Garner, Albert Y., Dr. (A-1950) Res. Chemist, Monsanto Chemical Co., Springfield, Mass. Mail: 69 Alice St., Springfield 9, Mass.

Garnett, Stuart R. (M-1957) Chemist, Blue Diamond Corp., Los Angeles 54, Calif. Mail: 506 W. Almond St., Compton 4, Calif.

Gaudiello, S. J. (M-1948) Chief Chemist, U.S. Coatings Co., New York 59, N. Y. Mail: 40-30 Utopia P'ky., Flushing 58, N. Y.

Gausebeck, H. B, (F-1951) Manager, European Operations, Armour Research Foundation, Chicago 16, Ill. Mail: Laan van Clingendaal 103, The Hague, Holland.

Gawrys, Paul (A-1956) 119 Sixth Ave., N. Tonawanda, N. Y.

Gayer, Frederick H., Dr. (F-1952) Consulting Chemist, 70 East 23rd St., Chicago Heights, Ill. Mail: 1221 East 57th St., Chicago 37, Ill.

Gaylor, Peter J. (F-1944) Patent attorney and publisher, Technical Survey, 650 Newark Ave., Elizabeth, N. J.

Gaylord, Norman G., Dr. (F-1956) Assistant Director, Organic Chem. Dept., Interchemical Corp., New York 36, N. Y. Mail: 47 Hillary Lane, Westbury, N. Y.

Gearman, Arvin T. (F-1957) Sales Manager, Geo. T. Walker Co., 2218 University Ave., S.E., Minneapolis, Minn.

Gebert, Emery B (F-1940) Metallurgist, Western Union Telegraph Co., New York 13, N. Y. Mail: 957 Crestwood Rd. East, Westfield, N. J.

Geddis, Clarence R. (F-1945) The Morrison Printing Ink Co. Cleveland, Ohio. Mail: 1504 Grace Ave., Cleveland 7, Ohio.

Geer, William C., Dr. (F-1936) Owner, William C. Geer Lab., Ithaca, N. Y. Mail: P.O. Box 573, Ithaca, N. Y.

Geiger, Marion B., Dr. (F-1948) Director of General Dev., Hooker Electrochemical Co., Niagara Falls, N. Y.

Geitz, Robert, Dr. (F-1956) Lever Brothers Co., Edgewater, N. J. Mail: Mayflower Rd., Darien, Conn.

Geldzahler, Charles (F-1956) Platers

Technical Service, Chicago 5, Ill. Mail: 819 W. Gunnison St., Chicago 40, Ill.

Gelman, George, Dr. (F-1943) Vice President, Vico Products Co., 415 W. Scott St., Chicago 10, Ill.

Genaux, Charles T. (M-1956) Assoc. Prof. Chemistry, University of Alaska, College, Alaska. Mail: Box 271, College, Alaska.

Genstein, Edgar S. (F-1940) Editor & Publisher, Investment Research Press, 45 University Court, South Orange, N. J.

Gerhart, Howard L., Dr. (F-1952) Pittsburgh Plate Glass Co., 125 Colfax St., Springdale, Pa.

Gerlach, Edward (A-1956) Instructor of Chemistry, Muskingum College, New Concord, Ohio.

Germann, Donald P. (F-1951) Scientific Director, Clark - Cleveland Inc., Binghamton, N. Y.

Geyer, Bradford P., Dr. (F-1948) Research Chemist, Administrative Asst. to Director, Chemical Research, Shell Development Co., Emeryville 8, Calif. Mail: 5520 Proctor Ave., Oakland 18, Calif.

Gibbons, Vernette L., Dr. (F-1938) Emeritus Prof. of Chem., Mills College, Oakland, Calif. Mail: 122 E. 291st St., Willoughby, Ohio.

Gibbons, W. A., Dr. (F-1936) 2912 Albemarle St., N.W., Washington 8, D.C.

Gibney, Robert B., Dr. (F-1948) Group Leader, Physical Metallurgy Res., Los Alamos Scientific Lab., Box 1663, Los Alamos, N. Mex.

Giddings, William P. (A-1954) Graduate Student, Harvard University, Cambridge, Mass. Mail: 23 Trowbridge St., Cambridge 38, Mass.

Gidley, Philip Tucker, Dr. (F-1957) President, Gidley Laboratories, Inc., Fairhaven, Mass.

Giesy, Paul M., Dr. (F-1924) 181 Belleville Ave., Bloomfield, N. J.

Gilbert, Henry I. (F-1937) Capitol Paint & Varnish Works, Inc., Brooklyn, N. Y. Mail: Red Ground Rd., Old Westbury, N. Y.

Gilbert, Theodore, Dr. (F-1937) Tech. Advisor to Sales Dept., Devoe & Raynolds Co., Inc., Louisville, Ky. Mail: 5405 West Pages Lane, Pleasure Ridge Park, Ky.

Gilbertson, Lyle I., Dr. (F-1946) Director, Murray Hill Labs., Air Reduction Co., Inc., Murray Hill, N. J. Mail: 328 Allaire Ave., Leonia, N. J.

Gill, Louis M. (F-1953) Secretary-Treasurer, Buttner Works, Inc., New York 17, N. Y. Mail: 21 Dahlia Ave., Baldwin, L. I., N. Y.

Gillett, James Warren (A-1955) Student, University of California, Berkeley 4, Calif. Mail: 2306B Dwight Way, Berkeley 4, Calif.

Gilman, Henry, Dr. (F-1952) Professor of Chemistry, Iowa State College, Ames, Iowa. Mail: 3221 Oakland St., Ames, Iowa.

Gilmann, Henry H., Dr. (F-1950) Vice President & Manager, Chemical Products Corp., P.O. Box 61, Little Falls, N. J.

Gilmont, Roger, Dr. (F-1957) Technical Director, Manostat Corp., 20 N. Moore St., New York 13, N. Y.

Gilmour, Charles H. (F-1940) Engineering Staff Assistant, Union Carbide Chemicals Co., South Charleston 3, W. Va. Mail: 4013 Kirby St., S.W., South Charleston 3, W. Va.

Ginell, Robert, Dr. (F-1948) Associate Professor of Chemistry, Deputy Chairman, Graduate Div., Brooklyn College, Brooklyn 10, N. Y.

Ginnings, Paul M., Dr. (F-1940) Dean of Instruction, Professor of Chem., Greensboro College, Greensboro, N. C. Mail: 214 Hermitage Rd., Greensboro, N. C.

Ginnings, Paul Roll (M-1953) Group Leader, Engr. Research, Res. Div., Goodyear Tire & Rubber Co., Akron, Ohio. Mail: 668 Highland Ave., Wadsworth, Ohio.

Girardot, Peter R., Dr. (F-1954) Inorganic Research Supervisor, Columbia-Southern Chemical Corp., Box 31, Barberton, Ohio.

Gist, Lewis A., Jr., Dr. (M-1948) Head of the Dept. of Chemistry, Virginia Union University, Richmond, Va.

Givens, John W., Dr. (F-1948) Assistant Dept. Head, Shell Development Co., Emeryville 8, Calif.

Gladstone, Martell M., Dr. (F-1941) Emulsol Chemical Corp., Chicago 3, Ill. Mail: 8331 S. Prairie Ave., Chicago 19, Ill.

Glaser, Milton A. (F-1943) Vice President & Tech. Dir., Midland Industrial Finishes Co., Waukegan, Ill. Mail: 1285 Scott Ave., Winnetka, Ill.

Gleason, Anthony H., Dr. (F-1948) Research Associate, Esso Research & Engineering Co., Linden, N. J.

Mail: 1423 Sylvan Lane, Scotch Plains, N. J.

Gleave, Rex O. (M-1943) Manager, Asphalt Sales, Phillips Petroleum Co., Salt Lake City, Utah. Mail: 1793 S. 19th East, Salt Lake City, Utah.

Glidden, Kenneth E., Dr. (F-1940) Executive Vice President, The Celon Co., Muscatine, Iowa. Mail: 1100 Robin Rd., Muscatine, Iowa.

Gloor, W. E. (F-1948) Product Development, Hercules Powder Co., Wilmington 99, Del. Mail: 806 Berkeley Rd., Wilmington 6, Del.

Glymph, E. M., Dr. (F-1948) Group Leader, Research, Firestone Tire & Rubber Co., Akron, Ohio. Mail: 2691 Oak Park Blvd., Cuyahoga Falls, Ohio.

Gnaedinger, Robert J. (F-1936) John A. Steen Varnish Co., Chicago, Ill. Mail: 644 N. Elmwood Ave., Oak Park, Ill.

Goepfert, Werner F. (F-1944) Mgr. Tech. Service Dept., International Div., Interchemical Corp., 67 W. 44th St., New York 36, N. Y.

Goett, Edward J. (F-1953) Atlas Powder Co., Wilmington, Del. Mail: 210 Country Club Drive, Woodbrook, Wilmington, Del.

Gold, Martin (A-1954) Graduate Student, Hahnemann Medical College, Philadelphia, Pa. Mail: 321 Roseberry, Philadelphia 48, Pa.

Gold, Robert M., Dr. (F-1943) Chief Chemist, Keuffel and Esser Co., 300 Adams St., Hoboken, N. J.

Goldberg, Harvey (A-1956) Medical Student, State University of N. Y., Brooklyn 13, N. Y. Mail: 1500 Carroll St., Brooklyn 13, N. Y.

Goldberg, Melvin (M-1951) Owner, Pesticide Adivsory Service, New York 17, N. Y. Mail: 31 Old Army Rd., Scarsdale, N. Y.

Goldberg, Morris, Dr. (F-1957) Gas Analyst, Nuclear Fuels Div., Olin-Mathieson Chemical Corp., 275 Winchester Ave., New Haven, Conn.

Golden, Milton J. (F-1947) 31 Lillibridge Ct., Hamden, Conn.

Goldfarb, Seymour (M-1951) Director of Sales Dev., Scientific Oil Compounding Co., Inc., 1637 S. Kilbourn Ave., Chicago 23, Ill.

Goldman, Arthur J (A-1956) Engineer, Nuclear Development Corp. of America, 5 New State St., White Plains, N. Y.

Goldsby, A. R., Dr. (F-1957) Texaco Development Corp., 135 E. 42nd St., New York 17, N. Y.

Goldstein, Harriet S. (F-1957) Assistant Scientist, Warner Chilcott Labs., Morris Plains, N. J. Mail: 105 Miligar Pl., South Orange, N. J.

Gomory, Paul Louis (F-1947) Patent Lawyer, Phillips Petroleum Co., 1625 Eye St., N.W., Washington 6, D. C.

Gonet, Frank, Dr. (F-1946) U.S. Tariff Commission, Washington 25, D. C. Mail: 4007 N. Woodstock St., Arlington 7, Va.

Goodman, Henry Gaines, Jr., Dr. (F-1940) Industrial Fellow, Mellon Institute, Pittsburgh 13, Pa. Mail: 4614 Fifth Ave., Pittsburgh 13, Pa.

Goppelt, Helen M. (F-1950) Chemist, Kepec Chemical Corp., Milwaukee 1, Wis. Mail: 1824 N. 54th St., Milwaukee 8, Wis.

Gordon, Benedict (F-1929) Board of Education, City of New York, Brooklyn 2, N. Y. Mail: 6312 Elwell Crescent, Rego Park, N. Y.

Gordon, Robert (M-1937) Gordon-Lacey Chemical Prod. Co., 57-02 48th St., Maspeth, N. Y. Mail: 5 Soundview Lane, Kings Point, L. I., N. Y.

Gordon, Samuel M., Dr. (F-1946) Vice President and Dir. of Res., Endo Laboratories, Inc., 84-40 101st St., Richmond Hill 18, N. Y.

Gordon, Saul, Dr. (F-1957) Chief, Basic Chem. Res. Unit, Pyrotechnics Lab., Picatinny Arsenal, Dover, N. J. Also: Gordon & Campbell, Consulting Chemists, 12 Brookfield Way, Morristown, N. J.

Gordy, Edward L. (F-1931) Assistant to Vice President, Res. & Development, Standard Oil Co., (Indiana), 910 S. Michigan Ave., Chicago, Ill.

Goretta, Louis A., Dr. (M-1951) Research Chemist, Standard Oil Co., (Indiana), Whiting, Ind. Mail: 6704 Magoun Ave., Hammond, Ind.

Gorman, John K., Dr. (A-1952) Engineer, Sperry Gyroscope Co., Great Neck, N. Y. Mail: 40 School St., Malverne, N. Y.

Gorman, Leo I. (F-1938) Product Development Engineer, Anaconda Wire & Cable Co., Marion, Ind.

Gortatowsky, Claude (F-1935) Department Head, The Coca-Cola Co., 310 North Ave., N.W., Atlanta, Ga.

Goss, Marshall J., Col. (EF-1931)

3330 Upland Terr., N.W., Washington 15, D. C.

Gothard, N. J. (F-1953) Chief Chemist, Sinclair Refining Co., Harvey, Ill. Mail: 9326 So. 49th Ct., Oak Lawn, Ill.

Gottlieb, Howard Lyle, Dr. (F-1951) Dir. of Food, Radioactive & Chemical Res. Trionics Corp., Madison 1, Wis. Mail: 4405 Tokay St., Madison 5, Wis.

Gottsch, Frank (F-1929) Consultant, The Borden Co., Chemical Div., Middlesex, N. J. Mail: 1068 Kensington Ave., Plainfield, N. J.

Goulden, H. D. (F-1939) Scientific Director, The Toilet Goods Association, Inc., 1270 Sixth Ave., Room 2006, New York 20, N. Y.

Gounaris, Anne (A-1955) 50A Pleasant St., Brookline, Mass.

Graff, Alan R. (M-1945) President, The Columbia Malting Co., 141 W. Jackson Blvd., Chicago 4, Ill.

Graham, Minnie A., Dr. (L-1937) Prof. of Chem. Emeritus, Queens College, Charlotte, N. C. Mail: 210 High St., Lockport, N. Y.

Grand, Stanley, Dr. (M-1953) Project Director, Radiation Research Corp., New York 21, N. Y. Mail: 2031 Wellington Ct., Westbury, N. Y.

Granger, Frederic S., Dr. (EF-1932) Cranbury, N. J.

Grant, Robert J. (F-1937) Vice President, Young Aniline Works, Inc., 2731 Boston St., Baltimore 24, Md.

Gray, Daniel M. (F-1939) Vice President & Gen. Mgr., Stoner-Mudge Co. (Div. of American Marietta), 2000 Westhall St., Pittsburgh 33, Pa.

Gray, James S. (M-1948) Valentine Co., Inc., Richmond, Va., Mail: 4114 Hillcrest Rd., Richmond 24, Va.

Gray, Philip P., Vice President, Wallerstein Co., Inc., 180 Madison Ave., New York 16, N. Y.

Graybill, Bruce M. (A-1955) Student, Florida State University, Tallahassee, Fla. Mail: 339 Roosevelt Dr., Tallahassee, Fla.

Greathouse, Lucien Helm, Dr. (F-1957) Chemist, Southern Regional Lab., A.R.S., U.S.D.A., New Orleans 19, La. Mail: P.O. Box 1457, New Orleans 5, La.

Grebe, John J., Dr. (F-1940) Director, Nuclear & Basic Res., The Dow Chemical Co., Midland, Mich.

Greco, William J. (F-1942) Assistant Tech. Director, Socony Paint Products Co., Box 512, Metuchen, N. J.

Greene, Albert J. (F-1950) Monsanto Chemical Co., St. Louis, Mo. Mail: 5744 Murdoch, St. Louis 9, Mo.

Greene, Joseph F. (F-1947) Manager, Customer Res., Kimble Glass Co., Vineland, N. J. Mail: 1043 New Pear St., Vineland, N. J.

Greene, Robert A., Dr. (F-1951) Professor & Executive, Dept. of Medical Microbiology, College of Osteopathic Physicians & Surgeons, 1721 Griffin Ave., Los Angeles 31, Calif.

Greenewalt, Crawford H. (F-1948) President, E. I. du Pont de Nemours & Co., Inc., Wilmington 98, Del.

Greenfield, Charles (F-1949) Chemical Engineer, Fred S. Carver Inc., Summit, N. J. Mail: No. 3 Templeton Arms, Elizabeth 3, N. J.

Greenhood, Henry W. (F-1942) Zone Manager, Surface Coatings, Bakelite Co., Div. Union Carbide Corp., 230 N. Michigan Ave., Chicago, Ill.

Greenlee, S. O., Dr. (F-1947) Director, Greenlee Research Co., P.O. Box 757, Lafayette, Ind.

Greenspan, Frank P., Dr. (F-1958) Director of Development, Organic Chemicals Div., Food Machinery & Chemical Corp., 161 East 42nd St., New York 17, N. Y.

Gregory, Spafford M. (F-1950) Consultant, 3850 Olive Ave., Long Beach 7, Calif.

Grehn, Edward William (M-1951) District Hospital Representative, Abbott Laboratories, North Chicago, Ill. Mail: 177 White Plains Road 54A, Tarrytown, N. Y.

Greze, John P., Jr. (F-1945) Section Leader, Oakite Products, Inc., New York 6, N. Y. Mail: 64 Chandler Road, Chatham, N. J.

Griffin, Martin (A-1955) 7522 North Bell, Chicago 45, Ill.

Griffith, Frank S., Dr. (F-1948) Res. Supervisor, New Jersey Zinc Co., Palmerton, Pa. Mail: 647 Lafayette Ave., Palmerton, Pa.

Griffith, Ivor, Dr. (EF-1925) President, Philadelphia College of Pharmacy & Science, 43rd St., & Kingsessing Ave., Philadelphia 4, Pa.

Grodman, Benjamin (F-1929) Director of Lab., Central Testing Lab., Dept. of Purchase, 480 Canal St., New York 13, N. Y.

Groff, Charles H. (F-1944) Tech. Director, Watson-Standard Co., 225

Galveston Ave., Pittsburgh 30, Pa.

Gross, Charles E., Dr. (F-1936) Director Product & Tech. Res., John Morrel & Co., Ottumwa, Iowa. Mail: 219 Albany St., Ottumwa, Iowa.

Grotch, Stanley (A-1955) Graduate Student, Massachusetts Institute of Technology, Cambridge, Mass. Mail: Graduate House, M.I.T., Cambridge, Mass.

Grothues, Carl (A-1932) 4679 Appian Way, El Sobrante 11, Calif.

Gruber, Gerald I. (F-1952) Chief Chemist, Western Phosphates, Inc., P.O. Box 893, Salt Lake City 10, Utah.

Grunewald, Max E., Dr. (F-1938) President, Coplay Cement Mfg. Co., Coplay, Pa.

Grupelli, Logan (F-1942) Manager, Nopco Chemical Co., Harrison, N. J. Mail: 341 Old Short Hills Road, Short Hills, N. J.

Gueno, Beverly A. (A-1956) 514 E. 48th St., Los Angeles, Calif.

Guise, Newton C. (F-1954) Chief Chemist, California Testing Labs., 619 E. Washington Blvd., Los Angeles, Calif.

Gunsberg, Ephriam (F-1953) Assistant to Vice President, U.S. Vitamin Corp., New York 17, N. Y. Mail: 32 Mohican Park Ave., Dobbs Ferry, N. Y.

Gunther, Ronald G. (A-1955) 572 Laurel Ave., St. Paul 2, Minn.

Gutberlet, E. L. (F-1948) Owner, Gutberlet Laboratories, 4106 Airport Way, Seattle 8, Wash.

Guthmann, W. S., Dr. (F-1848) President, Ringwood Chemical Corp., Ringwood, Ill. Mail: 695 Euclid Ave., Highland Park, Ill.

Gwynn, Marion H. (F-1942) Chemical Consultant, 25 Meslar Rd., Morris Plains, N. J.

Haber, Norman (F-1940) Tech. Dir., T. J. Ronan Co., New York 54, N. Y. Mail: 1558 East 19th St., Brooklyn 30, N. Y.

Hackett, Rev. James W., (O.P.) (F-1956) Professor & Head of Dept. of Chem., Providence College, Providence 8, R. I.

Hader, Rodney N. (F-1950) Editor, Journal of Agricultural & Food Chemistry, American Chemical Society, 1155 - 16th St., N.W., Washington 6, D. C.

Haenisch, Edward L., Dr. (F-1938) Professor of Chemistry, Chairman of Dept., Wabash College, Crawfordsville, Ind.

Haggerty, Cecil J., Dr. (F-1936) Professor of Chemistry, Manhattanville College of the Sacred Heart, Purchase, N. Y. Mail: 930 Garrison Ave., Teaneck, N. J.

Hainer, Raymond M., Dr. (F-1956) Res. & Physical Chemist, Arthur D. Little, Inc., Cambridge, Mass. Mail: 19 Richard Rd., Lexington 73, Mass.

Hale, James F. (F-1948) The Borden Food Prods. Co., Div. of The Borden Co., 600 N. Franklin St., Syracuse 4, N. Y.

Hale, William L. (F-1936) Vice President, The Debevoise Co., 74 20th St., Brooklyn 32, N. Y.

Halek, George Walter (M-1955) Research Chemist, Celanese Corp. of America, Central Research Labs., Summit, N. J. Mail: 61 Second St., New Providence, N. J.

Hall, Cheston A. (M-1941) Senior Staff Chemist, The Coca-Cola Co., Atlanta, Ga.

Hall, Harry L. (M-1958) The Coca-Cola Co., Atlanta, Ga. Mail: 2294 DeLowe Dr., East Point, Ga.

Hall, Lloyd A., Dr. (F-1942) Technical Director, The Griffith Laboratories, Inc., 1415 W. 37th St., Chicago 9, Ill.

Hall, Robert H., Dr. (F-1952) Ass't. Director of Research, Lloyd Brothers, Inc., 5216 Beechmont Ave., Cincinnati 30, Ohio.

Halpern, Alfred, Dr. (F-1954) Scientific Director, Pharmaceutical Research Center, New York 21, N. Y. Mail: 11 Hampton Ct., Great Neck, N. Y.

Hamerslag, Frank E. (F-1951) Executive Assistant to Director, Wyeth Institute for Medical Research, Radnor, Pa. Mail: P.O. Box 8299, Philadelphia 1, Pa.

Hamlin, Marston L., Dr. (F-1935) Assoc. Patent Attorney, American Home Products Corp., New York 16, N. Y. Mail: 251 Rocklyn Ave., Lynbrook, N. Y.

Hammar, Harald E., Dr. (F-1948) Chemist, U.S.D.A., A.R.S., Washington, D.C. Mail: U.S.D.A. Pecan Laboratory, Route #1, Box 223 W. Shreveport, La.

Hammer, Irving P. (M-1946) Senior Research Chemist, Socony Mobil Oil Co., Brooklyn, N. Y. Mail: 20 Woodcrest Lane, Nutley 10, N. J.

Hammes, Gordon G. (A-1956) Graduate Student, University of Wisconsin, Madison, Wis. Mail: 40 E. 12th St., Fond du Lac, Wis.

Hammett, Louis P., Dr. (F-1951) Professor of Chemistry, Dept. of Chemistry, Columbia University, New York 27, N. Y.

Hammond, William A., Dr. (F-1936) Managing Partner, W. A. Hammond Drierite Co., 120 Dayton Ave., Xenia, Ohio.

Hamor, William A., Dr. (F-1931) Senior Director of Research, Mellon Institute, 4400 Fifth Ave., Pittsburgh 13, Pa.

Hampel, Clifford A. (F-1945) Manager, Chemical Equipment Div., Fansteel Metallurgical Corp., North Chicago, Ill. Mail: 8501 Harding Ave., Skokie, Ill.

Hancock, Henry E. (F-1942) Davis Paint Co., North Kansas City, Mo. Mail: 3319 Askew Ave., Kansas City, Mo.

Hand, Joseph C., Jr. (A-1957) Engineering Aide, Redstone Arsenal, Huntsville, Ala. Mail: 7315 Cadillac Dr., S.E., Huntsville, Ala.

Hanford, W. E., Dr. (Hon-1957) Vice President, Olin Mathieson Chemical Corp., 460 Park Ave., New York 22, N. Y.

Hanmer, H. Rupert (F-1937) American Tobacco Co., Richmond 24, Va. Mail: 3215 Hawthorne Ave., Richmond 22, Va.

Hanna, Delbert, (M-1947) Process Engineer, Velsicol Chemical Corp., 330 E. Grand Ave., Chicago 11, Ill.

Hansen, Waldemar C., Dr. (F-1947) Director of Res., Universal Atlas Cement Co., Gary, Ind. Mail: 155 Maple St., Valparaiso, Ind.

Hanson, Ernest R., Dr. (F-1933) Foster D. Snell, Inc., New York 11, N. Y. Mail: 53 Church St., E., Bloomfield, N. J.

Happel, John, Dr. (F-1949) Professor, New York University, University Heights, New York 53, N. Y.

Harber, William I., Dr. (F-1944) President Research & Development Corp., Chicago 5, Ill. Mail: 5410 S. Blackstone Ave., Chicago 5, Ill.

Harden, Wilton C., Dr. (F-1937) Production Manager, Hynson, Westcott & Dunning, Inc., Charles & Chase Sts., Baltimore 1, Md.

Harding, W. H. (F-1937) Consultant, Spring Hill Rd., Westport, Conn.

Hardy, John A., Jr. (A-1952) Apt. 6-H, 5 Peter Cooper Rd., New York 10, N. Y.

Harlan, Harold R. (F-1937) Paint Research Laboratory, 11 Duboce Ave., San Francisco 3, Calif.

Harlan, William R., Dr. (F-1936) Asst. Dir. of Res., Research Lab., The American Tobacco Co., 400 Petersburg Pike, Richmond 24, Va.

Harlow, E. S. (F-1950) Assistant Laboratory Manager, Research Lab., The American Tobacco Co., 400 Petersburg Turnpike, Richmond 24, Va.

Harrington, George W. (A-1954) Research Assistant, New York University, New York 3, N. Y. Mail: 2317 Morris Ave., Bronx 68, N. Y.

Harris, Benjamin R. (F-1923) Owner, Epstein, Reynolds & Harris, 5 So. Wabash Ave., Chicago 3, Ill.

Harris, Joel S. (EF-1935) Chemist, "M" & Bristol Streets, Apt. A-13, Philadelphia 24, Pa.

Harris, Lewis E. (F-1947) President, Harris Laboratories, Inc., 816 "P" St., Lincoln, Neb.

Harris, Milton, Dr. (F-1947) Vice President, Director of Res., The Gillette Co., and President, Harris Research Labs., Inc., 1246 Taylor St., N.W., Washington 11, D. C.

Harris, Walter W. (F-1951) Division Manager, Harshaw Chemical Co., Cleveland 6, Ohio. Mail: 3151 Essex Rd., Cleveland Heights 18, Ohio.

Harrison, Henry (F-1945) Group Leader, Oakite Products, Inc., 19 Rector St., New York 6, N. Y.

Harrisson, Jos. W. E., Dr. (F-1925) Director, LaWall & Harrisson Research Labs., 1921 Walnut St., Philadelphia 3, Pa.

Harrold, Gordon C., Dr. (F-1947) Consultant, Industrial Health-Hygiene and Safety Service, Box 21, Royal Oak, Mich.

Hart, Ralph (F-1932) President & Tech. Dir., Hart Products Corp., 1440 Broadway, New York 18, N. Y.

Hartung, Walter H., Dr. (F-1936) Professor of Pharmaceutical Chemistry, Medical College of Va., Richmond, Va. Mail: 2005 Forest View Dr., Richmond 25, Va.

Hartwig, Carl E. (F-1929) Consultant, 227 Montclair Ave., Newark 4, N. J.

Hartz, John J. (F-1954) Goodyear Tire & Rubber Co., Akron 16, Ohio.

Mail: 4550 Lahm Drive, Akron 19, Ohio.

Harvey, Aubrey E., Dr. (A-1939) Professor of Chemistry, University of Arkansas, Fayetteville, Ark.

Hass, Henry B., Dr. (F-1950) President, Sugar Research Foundation, Inc., 52 Wall St., New York 5, N. Y.

Hasselstrom, Torsten, Dr. (F-1943) Chief, Organic Chem. Branch, U.S. Army, Research & Engineering Command, Natick, Mass. Mail: 33 Delmar Ave., Saxonville, Framingham, Mass.

Hatch, George Bates, Dr. (L-1944) Supervisor, Texaco Research Center, P.O. Box 509, Beacon, N. Y. Mail: Fishkill, N. Y.

Hatcher, Abram Wooldridge (F-1957) Patent Coordinator, Thiokol Chemical Corp., Redstone Div., Huntsville, Ala. Mail: 704 Barywood Rd., Huntsville, Ala.

Hathorne, Berkeley Lewis (F-1952) Owner, Sedgefield Laboratories, 5308 Mecklinburg Rd., Greensboro, N. C.

Hauber, Rev. Edward S., S. J. (F-1943) Chairman, Chemistry Dept., Loyola College, 4501 N. Charles St., Baltimore 10, Md.

Haupt, Clarence G. (F-1952) Chemist, Norfolk & Western Railway Co., Chemical Lab., Roanoke, Va. Mail: 1728 Arlington Rd., S.W., Roanoke 15, Va.

Havens, Frank B. (F-1950) 848 Coronado Drive, Arcadia, Calif.

Haverkamp, Warren F. (M-1955) Columbia Wax Co., Glendale 4, Calif. Mail: 10243 Hatton Court, Sun Valley, Calif.

Hawes, William W., Dr. (F-1937) Professor of Metallurgy & Chemistry, U.S. Naval Postgraduate School, Monterey, Calif.

Hawk, Philip B., Dr. (F-1929) 750 W. 50th St., Miami Beach, Florida.

Hawkes, Benjamin G. (F-1953) Director of Research, Roux Labs., Inc. New York 35, N. Y. Mail: 433 Mountain View Rd., Englewood, N. J.

Hayden, E. M. (F-1937) Vice President & Director, The Stanley Chemical Co., East Berlin, Conn. Mail: 77 Simms Road, Kensington, Conn.

Haygood, James D. (M-1946) Project Leader, Evans Research & Development Co., New York 17, N. Y. Mail: 132 Audubon Ave., Jersey City, N. J.

Heck, Frank G. (F-1938) Field Manager - Engineering & Development, Refractories Sales Div., E. J. Lavino & Co., 3 Penn Center Plaza, Philadelphia 2, Pa.

Heckel, James E. (F-1939) Technical Salesman, R. T. Vanderbilt Co., Inc., New York 17, N. Y. Mail: 1428 Hillside Rd., Wynnewood, Pa.

Hecker, John C., Dr. (F-1948) Distillation Products Ind., Rochester, N. Y. Mail: 189 East Parkway, Rochester 17, N. Y.

Hecker, Kenneth C. (A-1956) Research Chemist, The Goodyear Tire & Rubber Co., Akron 16, Ohio. Mail: 1231 Clifton Ave., Akron 10, Ohio.

Hedrick, Glen W., Dr. (F-1945) Supervisor, New Products Unit, Naval Stores Research Sec., Southern Regional Research Lab., U.S.D.A., Olustee, Fla.

Heeren, James K. (M-1956) Student, Massachusetts Institute of Technology, Cambridge, Mass.

Heggie, Robert, Dr. (F-1951) American Chicle Co., Long Island City, N. Y. Mail: 103 Tenth St., Garden City, N. Y.

Heiberger, Charles A., Dr. (F-1948) Manager, Plastics & Polymers Dept., Central Chemical Research, Food Machinery & Chemical Corp., Princeton, N. J. Mail: 100 Longview Dr., Princeton, N. J.

Heiligman, Harold A. (F-1938) General Manager, Tech. Dept., E. J. Lavino & Co., Box 29, Norristown, Pa.

Heimberg, E. (M-1952) Manager of Market Analysis, International Minerals & Chemical Corp., 20 N. Wacker Dr., Chicago, Ill.

Heintz, Edward A. (A-1953) Research Chemist, Metals Research Labs., Electro Metallurgical Co., P.O. Box 580, Niagara Falls, N. Y.

Heinzelman, Edward, Jr. (A-1951) 276 Eighth St., Palisades Park, N. J.

Heinzelmann, Fred (A-1956) 174 Lockwood Ave., Yonkers, N. Y.

Heiser, Thomas G. (F-1937) The Stein-Davis Co., Long Island City, 1, N. Y. Mail: 47-12 161st St., Flushing, N. Y.

Heiss, Louis R. (A-1935) Salesman, American Instrument Co., Inc., Sil-

ver Spring, Md. Mail: 419 Pershing Dr., Silver Spring, Md.

Held, Samuel K. (A-1955) Chemist, Keuffel & Esser Co., Hoboken, N. J. Mail: 711 Post Pl., Secaucus, N. J.

Helf, Samuel (F-1950) Picatinny Arsenal, Dover, N. J. Mail: 6 Egbert Ave., Morristown, N. J.

Helfrich, George Franke (A-1955) Chemistry Instructor, U.S. Coast Guard Academy, New London, Conn. Mail: 52 Daniels Ave., Waterford, Conn.

Helm, David F., Dr. (F-1947) Senior Fellow, Mellon Institute, Pittsburgh 13, Pa.

Hemperly, William F. (F-1936) Assistant Dir. of Dev., Bakelite Co., Bound Brook, N. J. Mail: 664 Hillcrest Ave., Westfield, N. J.

Hendrey, Waldersee B., Dr. (F-1945) Vice President, Pfanstiehl Labs., Inc., and owner, Hendry Chemical Co., 104 Lake View Ave., Waukegan, Ill.

Henick, Albert S. (F-1948) Chemist, Quartermaster Food & Container Institute, Chicago 9, Ill. Mail: 2321 East 97th St., Chicago 17, Ill.

Henning, Charles W. (F-1944) Assistant District Sales Manager, Union Carbide Chemicals Co., Los Angeles 58, Calif. Mail: 1145 Rosalind Rd., San Marino, Calif.

Henning, James E. (M-1954) Bjorksten Research Labs., Madison, Wisconsin. Mail: 4914 Marathon St., Madison, Wis.

Henry, Dan L. (F-1953) Assoc. Director, Law & Co., P.O. Box 1558, Atlanta 1, Ga.

Herbert, W. Stanley, Dr. (F-1953) Tech. Dir., Ray-O-Vac Co., Madison 10, Wis. Mail: 555 Chatham Terr., Madison 5, Wis.

Herbsman, A. Martin (F-1951) Manager & Research Chemist, Research Products Co., Huntington Park, Calif. Mail: 9721 - 3rd Ave., Inglewood, Calif.

Hermann, Stanford L. (F-1946) The Jones Co., Inc., New York 57, N. Y. Mail: 23 W. 73rd St., New York 23, N. Y.

Hermanson, Joe L., Dr. (F-1940) Dean of L. A., Prof. of Chem., Bethany College, Lindsborg, Kan.

Herrstrom, Charles E. (F-1956) Patent Attorney, Bosworth, Sessions, Herrstrom & Knowles, National City Bank Bldg., Cleveland 14, Ohio.

Hersberger, Arthur B., Dr. (F-1945) The Atlantic Refining Co., Philadalphia, Pa. Mail: 5240 Apache Lane, Drexel Hill, Pa.

Hersh, Joseph M., Dr. (L-1954) Houdry Process Corp., Box 427, Marcus Hook, Pa.

Herstein, Karl M. (L-1925) President, Herstein Laboratories, Inc., 44 New St., New York 4, N. Y.

Herweh, John E. (A-1953) Chemist, Armstrong Cork Co., Res. & Dev. Center, Lancaster, Pa.

Herzog, Joseph V. (F-1940) Bakelite Co., South Bound Brook, N. J. Mail: 418 Lincoln Ave., Dunellen, N. J.

Hess, Paul S. (F-1944) Tech. Dir., General Plastics Corp., 165 Third Ave., Paterson, N. J.

Hessel, Frederick A., Dr. (F-1936) Commercial Research Manager, General Aniline & Film Corp., New York, N. Y. Mail: 100 Clarewill Ave., Montclair, N. J.

Hesselbart, Robert C. (F-1950) Plant Manager, Ventrola Manufacturing Co., 501 S. Chestnut St., Owosso, Mich.

Hester, Albert S. (M-1954) Associate Editor, American Chemical Society, Bush House, Aldwych, London W.C. 2, England.

Hester, Jackson B., Dr. (F-1948) Consultant, Jackson B. Hester Agric. Res. Lab., R. D. #4, Elkton, Md.

Hetchler, John D. (F-1945) Mgr. Chemical Div., Werner G. Smith, Inc., Cleveland 13, Ohio. Mail: 2657 Tonawanda Dr., Rocky River 16, Ohio.

Hewitt, Eric John, Dr. (F-1939) Vice President, Evans Research & Development Corp., New York 17, N. Y. Mail: 75 Midland Ave., Tarrytown, N. Y.

Hewston, Elizabeth M. (F-1945) Chemist, U.S.D.A., Home Economics Institute, Beltsville, Md. Mail: Apt. 300, 1121 - 24th St., N.W., Washington 7, D. C.

Heyman, Karl, Dr. (F-1950) Mona Industries, Inc., Paterson, N. J. Mail: 10 Crestmont Rd., Montclair, N. J.

Hicks, Glenn H. (F-1947) Technical Director & Factory Manager, Acme Quality Paints, Inc., Detroit, Mich. Mail: 1517 Edgewood, Royal Oak, Mich.

Hickson, John L., Dr. (F-1953) Assistant to the President, Sugar Research

Foundation, Inc., 52 Wall St., New York 5, N. Y.

Hienton, Robert C. (F-1953) Vice President - Marketing, The Cleveland Electric Illuminating Co., 55 Public Square, Cleveland 1, Ohio.

Hildebrand, Joel H., Dr. (Hon-1957) Prof. of Chem., Emeritus, Dept. of Chemistry, University of California, Berkeley 4, Calif.

Hiler, Malvern J. (F-1943) President, Commonwealth Engineering Co. of Ohio, 1771 Springfield St., Dayton 3, Ohio.

Hill, A. Garrett, Dr. (F-1934) Manager of Pharmaceuticals Mfg. Dept., Organic Chemicals Div., American Cyanamid Co., Bound Brook, N. J.

Hill, Arthur J., Dr. (Hon-1925) Whitehead Prof. of Organic Chemistry, (Emeritus) Yale University, New Haven, Conn.

Hill, Douglas G., Dr. (F-1937) Professor of Chemistry, Duke University, Durham, N. C.

Hill, Henry A., Dr. (F-1956) Vice President, National Polychemicals, Inc., Wilmington, Mass. Mail: 77 Riverside St., Watertown, Mass.

Hill, Luther R. (F-1953) Process Designs, Inc., Ridgewood, N. J. Mail: 351 E. Ridgewood Ave., Ridgewood, N. J.

Hill, Preston W. (F-1955) Chem. Engr., Signal Oil & Gas Co., 2780 Junipero Ave., Long Beach 6, Calif.

Hill, Ralph M., Dr. (F-1956) Research Chemist, Esso Research & Engineering Co., Linden, N. J. Mail: 24 Bayberry Lane, Mountainside, N. J.

Hill, Richard (F-1944) Head, Applications Section, Air Reduction Co., Inc., New York 17, N. Y. Mail: 24 Lenox Ave., Maywood, N. J.

Hill, William H., Dr. (F-1935) Univ. of Pittsburgh, Pittsburgh 13, Pa. Mail: 96 Woodhaven Dr., Pittsburgh 28, Pa.

Hilliker, Kate A. (A-1956) 3506 Hawthorne, St. Louis 4, Mo.

Hillman, William P. (F-1929) Assistant to Dir. of Production, Photo Prod. Dept., E. I. du Pont de Nemours & Co., Inc., Room 11450 A Nemours Bldg., Wilmington 98, Del.

Hillyer, John C., Dr. (F-1948) Section Manager, Res. Div., Phillips Petroleum Co., Bartlesville, Okla. Mail: 1920 Southview Ave., Bartlesville, Okla.

Hilsdorf, Rev. George J., S. J. (M-1951) Chairman, Chem. Dept., St. Peter's College, 2641 Hudson Blvd., Jersey City 6, N. J.

Hinckley, Alfred A. (M-1955) Ass't. Group Leader, Metal Hydrides, Inc., Beverly, Mass.

Hinken, Lawrence R. (F-1957) Chemstrand Corp., Decatur, Ala. Mail: 1422 Locust S.E., Decatur, Ala.

Hirsch, Marx (F-1950) Molybdenum Corp. of America, 375 Park Ave., New York 22, N. Y.

Hirschberg, Eugene H. (A-1955) 3617 Jessup Rd., Cincinnati 11, Ohio.

Hisey, Alan, Dr. (F-1957) Assoc. Prof. Biochemistry, School of Chemistry, University of Alabama, University, Ala.

Hitchcock, Lauren B., Dr. (F-1949) Consultant, c/o K. E. Aamodt, 35 West 92nd St., New York 25, N. Y.

Hitchcock, Robert B. (A-1956) 1311 South Millwood, Wichita 13, Kan.

Hite, Robert Thornton (M-1946) Chemist, National Bureau of Standards, Washington 25, D. C.

Hoak, Richard D., Dr. (F-1956) Senior Fellow, Mellon Institute, Pittsburgh 13, Pa.

Hochman, Harry, Dr. (F-1952) Dir. Chem. Div., U.S. Naval Civil Engr. Res. & Evaluation Lab., Port Hueneme, Calif.

Hochstadter, Irving (EF-1926) Consultant, 52 Vanderbilt Ave., New York 17, N. Y.

Hochwalt, Carroll A., Dr. (F-1936) Vice President, Monsanto Chemical Co., Lindbergh & Olive St. Rd., St. Louis 24, Mo.

Hockett, Robert C., Dr. (F-1946) Associate Scientific Director, Tobacco Industry Research Committee, New York 17, N. Y. Mail: 72 Howell Ave., Larchmont, N. Y.

Hodge, Hugh B., Dr. (F-1937) Laboratory Manager, Oakite Products, Inc., 350 Hudson St., New York 14, N. Y.

Hoekje, Howard H., Dr. (F-1956) Group Leader, Res., Columbia - Southern Chem. Corp., Corpus Christi, Tex. Mail: 3501 Denver, Corpus Christi, Tex.

Hoeman, Erwin C. (F-1956) Supervising Test Engineer, U.S.A. Chemical Corps Desert Test Activity, Yuma Test Station, Ariz. Mail: 1928 16th Pl., El Pueblocito, Yuma, Ariz.

Hoerr, Charles W. (F-1950) Senior

Research Scientist, Armour & Co., Chicago 9, Ill.

Hoffman, Henry A., Dr. (F-1953) Research Chemist, E. I. du Pont de Nemours, Inc., Waynesboro, Va. Mail: 1819 Talbott Pl., Waynesboro, Va.

Hoffman, Warren E., Dr. (M-1956) Research & Development Chemist, National Aniline Div., Allied Chemical & Dye Corp., Buffalo 5, N. Y. Mail: 201 Westfall Dr., Tonawanda, N. Y.

Hoffmann, Gilbert F., Dr. (F-1956) O'Neil Durco Co., Box 1166, Milwaukee, Wis. Mail: Route 3, Box 295, Mukwonago, Wis.

Hoffpauir, Carroll L. (F-1951) In Charge, Analytical Unit, Southern Utilization Research & Development Div., 1100 R. E. Lee Blvd., New Orleans 19, La.

Hofmann, Corris M., Dr. (F-1944) Research Chemist, American Cyanamid Co., Pearl River, N. Y.

Hofmann, Maximilian P., Dr. (F-1944) Chemist, Research, Empire Varnish Co., Cleveland 4, Ohio. Mail: 11825 Lake Ave., Lakewood 7, Ohio.

Hohenstein, W. Peter, Dr. (F-1950) Prof. of Chemistry, Polytechnic Institute of Brooklyn, 99 Livingston St., Brooklyn 1, N. Y.

Holden, Francis R., Dr. (F-1945) President, Radiation Detection Co., Palo Alto, Calif. Mail: 795 Josina Ave., Palo Alto, Calif.

Holdt, Charles (F-1938) 1812 Lombard Ave., Nashville 12, Tenn.

Hollabaugh, Cleveland B., Dr. (F-1947) Mariomi Rd., New Canaan, Conn.

Holland, Madeline Oxford, Dr. (F-1946) Editor, American Professional Pharmacist, Romaine Pierson Publishers, Inc., Manhasset, N. Y. Mail: 1352 Lindsay Lane, Meadowbrook, Pa.

Hollander, Harry B. (F-1945) 258 Senneville Rd., Senneville, Quebec, Canada.

Holler, Albert C. (F-1943) Director, Chemical Div., Twin City Testing & Engineering Lab., St. Paul 14, Minn. Mail: 3514 Taylor St., N.E., Minneapolis 8, Minn.

Holley, Kirk T. (F-1935) Chemist, Georgia Experiment Station, Experiment, Ga.

Holly, Earl D., Dr. (F-1956) Project Leader, The Dow Chemical Co., Midland, Mich. Mail: R.F.D. 3, Midland, Mich.

Holman, E. R. (F-1954) Chief Chemist, Turco Prods., Inc., 2649 Terminal Annex, Los Angeles 54, Calif.

Holmes, Harry, Dr. (Hon-1938) Professor, Emeritus, Oberlin College, Oberlin, Ohio. Mail: 329 Reamer Pl., Oberlin, Ohio.

Homeyer, August H., Dr. (F-1952) Director, Market Res., Medicinal Chemicals, Mallinckrodt Chemical Works, St. Louis 7, Mo.

Honish, John K. (F-1940) Bakelite Co., Div. Union Carbide Corp., 30 E. 42nd St., New York 17, N. Y.

Hoobler, Icie Macy, Dr. (EF-1936) Res. Consultant, Merrill-Palmer School, Detroit 2, Mich. Mail: 520 Burson Pl., Ann Arbor, Mich.

Hoover, Kenneth H. (F-1956) Director of Research, Member, Bd. of Directors, R. J. Reynolds Tobacco Co., Winston Salem, N. C. Mail: 626 Summit St., Winston Salem, N. C.

Hope, Fred J. (L-1948) Chemist in charge of Research, H. Kohnstamm & Co., Inc., Brooklyn 31, N. Y. Mail: 93 East Lawn Dr., Teaneck, N. J.

Hopkins, Abner C., Jr. (F-1945) Assistant to the General Manager, General Mills, Inc., Chemical Div., So. Kensington Rd., Kankakee, Ill.

Hopp, Francis J. (F-1954) Chemist, Universal Oil Products Co., 30 Algonquin Rd., Des Plaines, Ill.

Hopper, T. H. (F-1940) Chief, Industrial Crops Lab., Southern Utilization Research & Development Div., U.S.D.A., 1100 Robert E. Lee Blvd., New Orleans 19, La.

Horsey, Robert E. (F-1935) Vice President of Sales, Givaudan-Delawanna, Inc., 330 West 42nd St., New York 36, N. Y.

Horton, Charles A., Dr. (F-1956) Chemist, Union Carbide Nuclear Co., P.O. Box Y, Oak Ridge, Tenn. Mail: 384 East Dr., Oak Ridge, Tenn.

Horton, Horace R. (A-1956) 16 Summit Ave., Rolla, Mo.

Horton, Norman H. (F-1956) Director, Research Laboratories, Floridin Co., Box 989, Tallahassee, Fla.

Horton, Paul H. (F-1938) Southwestern Labs., Dallas, Texas, Mail: 4405 Amherst St., Dallas 5, Texas.

Horvitz, Leo, Dr. (F-1949) Owner,

Horvitz Research Labs., Houston, Texas, Mail: 3738 Sunset Blvd., Houston 5, Tex.

Horwitt, Benjamin N., Dr. (F-1949) Head, Division of Biochemistry, Mount Sinai Hospital, 2755 W. 15th Place, Chicago 8, Ill.

Hotelling, Eric, Dr. (M-1948) Res. Chemist, Res. & Dev. Div., Pittsburgh Consolidation Coal Co., Library, Pa.

Hougen, Joel O., Dr. (F-1956) Consultant, Research & Engineering Div., Engineering Dept., Monsanto Chemical Co., St. Louis 24, Mo.

Houlihan, William F., Jr. (A-1953) Research Chemist, Heatbath Corp., Indian Orchard, Mass. Mail: 17 Manhattan St., Springfield 9, Mass.

Houlton, Harold G., Dr. (F-1948) Director, Res. & Dev. Dept., Ashland Oil & Refining Co., Ashland, Ky.

Houtz, Ray C., Dr. (F-1955) Laboratory Director, Toni Division, Gilette Co., Chicago, Ill. Mail: 781 N. Milton Rd., Inverness, Palatine, Ill.

Hovey, Almon G. (F-1936) Applications Research, Olin Mathieson Chemical Corp., New Haven 4, Conn. Mail: Village St., Northford, Conn.

Hovey, Mrs. Marion Warner (F-1956) Chemist, U.S. Bureau of Mines, Salt Lake City, Utah. Mail: 1015 Barbara Pl., Apt. 4, Salt Lake City 2, Utah.

Howard, Everett W. (F-1956) Contract Sales, The M. W. Kellogg Co., 711 3rd Ave., New York 17, N. Y.

Howes, James E., Jr. (A-1956) 404 W. Kanawha Ave., Columbus 14, Ohio.

Hubbard, Winfield Scott, Dr. (EF-1930) P.O. Box 56, Woodville, Ohio.

Hubbell, John P. (F-1932) Consultant, Singmaster & Breyer, 420 Lexington Ave., New York 17, N. Y.

Huber, F. J. (A-1951) Chemist, Marine Paint & Varnish Co., New Orleans, La. Mail: Route 1, Box 60D, Lacombe, La.

Huber, Wolfgang, Dr. (F-1956) Consultant, 1079 Lombard St., San Francisco 9, Calif.

Hudson, Alfred E. (L-1949) Apt. 1, 4 Edgewood Apts., Goldsboro, N. C.

Huffman, Everett L. (M-1957) Associate Chemist, Southern Research Institute, 2000 Ninth Ave. South, Birmingham 5, Ala.

Hughes, E. C., Dr. (F-1951) Research Manager, The Standard Oil Company (Ohio), Chemical & Physical Research Div., 4440 Warrensville Center Rd., Cleveland 28, Ohio.

Hulse, Robert E., Dr. (L-1953) Executive Vice President, National Distillers & Chemical Co., New York 16, N. Y. Mail: 11 Linda Lane, Darien, Conn.

Hultquist, Martin E., Dr. (F-1935) Arapahoe Chemicals, Inc., Boulder, Colo. Mail: 2847 4th St., Boulder, Colo.

Humphrey, S. Bruce (M-1957) Engineering Group Leader, United States Rubber Co., P.O. Box 871, Joliet, Ill.

Hunt, Louis Wood, Dr. (F-1954) Division Head, Qual. Control Dept. U. S. Naval Powder Factory, Indian Head, Md. Mail: 8440 Livingston Road, S.E., Washington 22, D. C.

Hunt, Mildred C. (F-1953) Librarian, American Lithium Institute, Box 549, Princeton, N. J.

Hunter, A. Stuart, Dr. (F-1957) Quartermaster Res. & Engr. Command, Natick, Mass. Mail: 651 Central St., Framingham, Mass.

Hunter, Howard L., Dr. (F-1938) Dean, School of Arts & Sciences, Clemson College, Clemson, S. C.

Hunter, James H. (F-1943) Columbia Records Inc., Bridgeport 8, Conn. Mail: R.F.D. #1, Route 58, Redding Ridge, Conn.

Hurtt, Oscar Lee, Jr. (F-1957) Chief Chemist, Connors Works, H. K. Porter Co., P.O. Box 2562, Birmingham, Ala.

Hutching, Edwin E., Dr. (EF-1923) Rt. 3, Box 160, Carmel, Calif.

Hutchinson, Kenneth (A-1955) Chemistry Instructor, Wayne State University, Detroit 1, Mich. Mail: 6422 Willette, Detroit 10, Mich.

Iddings, Carl, Dr. (F-1932) 119 Kenssett Rd., Munsey Park, Manhasset, N. Y.

Idson, Bernard, Dr. (F-1952) Res. Director, Julius Schmid, Inc., 423 W. 55th St., New York 19, N. Y.

Ihde, Frederick J., Jr. (F-1947) Research Chemist, Nopco Chemical Co., Harrison, N. J. Mail: 106 Kenilworth Rd., Mountain Lakes, N. J.

Illingworth, George (A-1956) 723 Griffith Lane, Whittier, Calif.

Imhoff, Carroll E. (F-1945) Supervisor, Allis-Chalmers Mfg. Co., Milwaukee 1, Wis. Mail: 1721 So. West

Lane, Milwaukee 14, Wis.

Immediata, Tony M., Dr. (M-1943) International Resistance Co., Philadelphia 8, Pa. Mail: 401 Bellefonte Ave., Bellefonte, Wilmington 3, Del.

Ingersoll, William C. (M-1951) Associate Project Engineer, Thiokol Chemical Corp. Huntsville, Ala. Mail: 5409 Panorama Dr., S.E., Huntsville, Ala.

Jackel, Simon S., Dr. (F-1946) The Fleishmann Labs., Stamford, Conn. Mail: 49 Denise Drive, Stamford, Conn.

Jacknin, Bernard, Dr. (M-1953) 7519 Donder Rd., Henrico County, Richmond, Va.

Jackson, D. H. (F-1932) Vice President, Croll-Reynolds Co., Inc., 17 John St., New York 38, N. Y.

Jackson, Ernest L., Dr. (F-1948) Research Chemist, National Institutes of Health, Bethesda 14, Md. Mail: 5408 - 30th Place, N.W., Washington 15, D. C.

Jackson, Kirby E., Dr. (F-1930) Professor Chemistry, University of Alabama, University, Ala. Mail: 105 Frederick Court, Tuscaloosa, Ala.

Jackson, W. Ward (F-1952) Vice President, Sales, Commercial Solvents Corp., 260 Madison Ave., New York 16, N. Y.

Jacobs, Albert Lionel (F-1949) Patent Attorney, 535 Fifth Ave., New York 17, N. Y.

Jacobson, Bernard H. (F-1940) President, Ohio-Apex Div., Vice President, Food Machinery & Chemical Corp., P.O. Box 8127 So., Charleston 3, W. Va.

James, Edward M. (F-1952) Consultant, Glyceride Oils & Fats., 410 N. Swarthmore Ave., Swarthmore, Pa.

James, William H., Dr. (F-1948) Associate Agricultural Biochemist, Box 8735, Louisiana State University, Baton Rouge 3, La.

Janer, Benjamin (F-1923) Sr. Chemist, c/o Boro President of Manhattan, Room 2175, Municipal Bldg., New York 7, N. Y.

Jarvis, Ernest G. (F-1923) Chairman of the Bd., Continental Copper & Steel Industries, Inc., 120 Broadway, New York 5, N. Y.

Jaskowski, Michael C. (F-1956) Research Fellow, Mellon Institute, Pittsburgh 13, Pa. Mail: 213 Meredith St., Pittsburgh 10, Pa.

Jeanloz, Roger William, Dr. (F-1957) Associate Biochemist, Massachusetts General Hospital, Boston 14, Mass.

Jehle, Joseph F. (M-1938) Westchester Plastics Inc., Mamaroneck, N. Y. Mail: 80 Oakland Ave., Harrison, N. Y.

Jenkins, Ford McHenry (F-1951) 1095 S. Tecumseh Rd., Springfield, Ohio.

Jenkins, Russell L. (M-1946) Alabama Highway Dept., Montgomery, Ala. Mail: 3134 Norman Bridge Rd., Montgomery 6, Ala.

Jenness, Leslie G., Dr. (F-1932) Vice President, Kennecott Copper Corp., 161 East 42nd St., New York 17, N. Y.

Jensen, J. H. (EF-1936) Chemistry Instructor, Northern State Teachers College, Aberdeen, S. Dak.

Jernigan, John M. (M-1957) President, Southern Pine Chemicals, Inc., P.O. Box 9022, Tuscaloosa, Ala.

Jewell, K. Austin (F-1954) Executive Consultant, K. Austin Jewell, Consl. Engrs., 2125½ Ridge Ave., Evanston, Ill.

Jewel, Paul W., Dr. (F-1957) Chief Chemist, Max Factor & Co., Los Angeles, Calif. Mail: 3270 Benda St., Los Angeles 28, Calif.

Jezl, James L., Dr. (F-1957) Chief, Applied Research Section, Basic Research Div., R. & D. Dept., Sun Oil Co., Marcus Hook, Pa.

Jobling, William H., Dr. (F-1956) Manager, Dyes & Chemicals Quality Mfg. Div., Organic Chemicals Dept., E. I. du Pont de Nemours & Co., Inc., Wilmington, Del.

Joffe, Morris H. (F-1942) Partner, M. H. Joffe & Associates, 59 E. Madison St., Chicago, Ill.

Joffre, Stephen P. (F-1944) Research Associate, Shulton, Inc., Clifton, N. J. Mail: 172 Center Ave., Little Falls, N. J.

Johnson, C. A., Dr. (F-1941) Assistant Professor of Biological Chemistry, University of Illinois, College of Medicine, 1853 W. Polk St., Chicago 12, Ill.

Johnson, Claude E. (F-1957) In Charge of Instrumental Analysis, American Latex Products Corp., Hawthorne, Calif. Mail: 1536 Torrance Blvd., Torrance, Calif.

Johnson, Donald W. (A-1956) Research Assistant, University of Colorado. Dept. of Chem., Boulder, Colo.

Johnson, Ernest W., Dr. (F-1949)

Res. Manager, Metal & Thermit Corp., Rahway, N. J. Mail: 971 Mountain Ave., Westfield, N. J.

Johnson, Hal G., Dr. (F-1950) Vice President, Vick Chemical Co., 122 E. 42nd St., New York 17, N. Y.

Johnson, Harold A. (M-1954) Chemist, Russel Miller Milling Co., c/o Lab., Minneapolis 15, Minn. Mail: 2635 W. Cedar Crest Rd., Minneapolis 26, Minn.

Johnson, Harry E. (F-1953) President, Triangle Chemical Co., Macon, Ga. Mail: 758 Wimbish Rd., Macon, Ga.

Johnson, Joe W., Dr. (M-1956) Assistant Manager, Atlas Powder Co., Darco Experimental Lab., West University St., P.O. Box 1033, Marshall, Tex.

Johnson, John W. Jr., Dr. (A-1953) Assistant Professor of Chemistry, Dept. of Chem., University of Wichita, Wichita, Kan.

Johnson, Kenneth D., Dr. (F-1957) Technical Assistant to the Vice President, Atlantic Research Corp., Alexandria, Va. Mail: R. 2, Box 178, Vienna, Va.

Johnson, Lester E. (F-1954) Supervisor, Industrial Chemicals Sect., The International Nickel Co., Inc., 67 Wall St., New York 5, N. Y.

Johnson, Menfred L. (M-1948) President, Vitamin Technologists, Inc., 947 Maple Ave., Los Angeles 15, Calif.

Johnson, Omer C. (M-1946) Chemical Engineering, Tung Sol Electric Co., Bloomfield, N. J. Mail: 92 Orchard St., Bloomfield, N. J.

Johnston, Norman F. (M-1945) Director of Res. & Dev., Hunt Foods & Industries, Inc., Hayward, Calif.

Johnston, William R., Dr. (F-1948) The Fleishmann Labs., Standard Brands, Inc., Betts Ave., Stamford, Conn.

Jolley, H. R., S. J. (Rev.), Dr. (F-1956) Chairman Dept. of Chemistry, Loyola University of the South, 6363 St. Charles Ave., New Orleans, La.

Jonassen, Hans B., Dr. (F-1957) Professor of Chemistry, Tulane University, New Orleans 18, La.

Jones, Albert J. (M-1950) Chemist, Glidden Co., 2701 Broening Highway, Baltimore, Md.

Jones, Blanche Pinkerton (F-1945) Chemist, Hizone Research Labs., 1211 Washington Ave., Wilmette, Ill.

Jones, Francis F. (F-1947) Chemist, Stein, Hall & Co., Inc., Long Island City, N. Y. Mail: P.O. Box 4, Long Island City, N. Y.

Jones, Franklin D., Dr. (L-1929) Consulting Chemist, 2617 St. David's Lane, Ardmore, Pa.

Jones, George R. (M-1949) 425 13th St., N.W., Washington 4, D. C.

Jones, Haydn, Dr. (F-1943) Research Director, Hizone Products, Wilmette, Ill. Mail: 710 Roger Ave., Kenilworth, Ill.

Jones, Pershing V. (M-1950) Agrashell, Inc., Easton, Pa., Mail: 555 Georgian Lane, Easton, Pa.

Jordan, W. Alec (F-1956) W. Alec Jordan Associates, 52 Park Ave., New York 16, N. Y.

Joslyn, M. A., Dr. (F-1948) Professor of Food Technology, University of California, Berkeley 4, Calif.

Joss, Goodwin (F-1947) Prop. & Chief Chemist, Goodwin Joss Labs., 529 South 7th St., Minneapolis 15, Minn.

Joy, Homer Van B., Dr. (F-1943) Research Director, Lyndhurst Chemical Corp., Passaic, N. J. Mail: 75 Grove St., Montclair, N. J.

Juilly, Marcel E., Dr. (F-1938) Consulting Chemist, 86 W. Blithedale, Mill Valley, Calif.

Julian, Percy L., Dr. (F-1951) The Julian Labs., Inc., Franklin Park, Ill. Mail: 515 N. East Ave., Oak Park, Ill.

Jurgensen, Delbert F., Dr. (F-1948) Vice President, Dev. & Res., Blaw-Knox Co., Pittsburgh 22, Pa. Mail: 1321 Terrace Dr., Mt. Lebanon 28, Pa.

Kaasen, John A. (M-1955) Senior Engineering Inspector, Los Angeles County Air Pollution Control Dist., Los Angeles 13, Calif. Mail: 1124 N. Mariposa Ave., Hollywood 29, Calif.

Kade, Charles F., Jr., Dr. (F-1956) McNeil Labs., Inc., Philadelphia 32, Pa. Mail: Butler Pike, R.D. #4, Norristown, Pa.

Kahlenberg, Herman H., Dr. (F-1947) Kahlenberg Labs., P. O. Box 1660, Sarasota, Fla.

Kalantar, Alfred H. (A-1956) Teaching Assistant, Chemistry Dept., Cornell University, Ithaca, N. Y.

Kalichevsky, Vladimir A., Dr. (F-1956) Magnolia Petroleum Co.,

Beaumont, Texas. Mail: 820 - 20th St., Beaumont, Tex.

Kamlet, Jonas, Dr. (F-1947) Director & President, The Kamlet Laboratories, 300 Fourth Ave., New York 10, N. Y.

Kane, Jasper H., Dr. (F-1944) Vice-Pres. in charge of Res. & Dev., Chas. Pfizer & Co., Inc., 11 Bartlett St., Brooklyn 6, N. Y.

Kanegis, James (F-1951) Chief, Chemical Sect., Office of Technical Services, U.S. Dept. of Commerce, Washington 25, D. C. Mail: 3907 Madison St., Hyattsville, Md.

Kanzelmeyer, James H., Dr. (F-1956) Analytical Research Chemist, St. Joseph Lead Co., Zinc Smelting Div., Monaca, Pa.

Kapp, Benjamin (F-1953) Representative, E. H. Southwell Co., Los Angeles 47, Calif. Mail: 618 So. Mansfield Ave., Los Angeles 36, Calif.

Karr, Andrew E., Dr. (F-1956) Head, Chemical Engineering Dept., Hoffmann-LaRoche, Inc., Nutley 10, N.J. Mail: 58 Meadow Lane, Bloomfield, N. J.

Kaser, Margaret M., Dr. (F-1948) Biochemist, Veterans Administration Center, Wood, Wis.

Kashiwabara, Thomas T. (A-1954) Chemist, Keuffel & Esser Co., Hoboken, N. J. Mail: 43 Avenue C, Bayonne, N. J.

Kass, J. Peter, Dr. (F-1952) Director of Research, Pabst Laboratories, 1037 W. McKinley Ave., Milwaukee, Wis.

Kastens, Merritt L. (F-1954) Assistant Director, Stanford Research Institute, Menlo Park, Calif.

Katz, Albert B., Dr. (F-1950) Director, Hackensack Clinical Lab., 269 Passaic St., Hackensack, N. J.

Katz, Jacob, (F-1943) President, Universal Chemicals Corp., Lonsdale, R. I. Mail: 15 Bevelin Road, Providence 6, R. I.

Kauffmann, Hans O., Dr. (F-1948) Technical Director, Becco Chemical Div., Food Machinery and Chemical Corp., Station B, Buffalo 7, N. Y.

Kay, Webster B., Dr. (F-1951) Professor, Ohio State University, Columbus, Ohio.

Kay, William Cameron, Dr. (F-1956) Asst. General Manager, Organic Chemicals Dept. E. I. du Pont de Nemours & Co., Wilmington, Del.

Kaye, Samuel, Dr. (F-1957) Staff Scientist, Convair Scientific Research Lab., San Diego 10, Calif. Mail: 1101 Fleetridge Dr., San Diego 7, Calif.

Kean, Robert H., Dr. (F-1948) Consultant & Res. Associate, Dept. of Chemistry, University of Virginia, Charlottesville, Va. Mail: 32 Old Farm Rd., Bellair, Charlottesville, Va.

Kearby, Kenneth K., Dr. (F-1956) Senior Res. Assoc., Esso Research & Engineering Co., Linden, N. J. Mail: 437 Johnston Dr., Watchung, Plainfield, N. J.

Kehoe, Thomas J. (F-1953) Electrochemical Supervisor, Beckman Instruments, Inc., Fullerton, Calif. Mail: 921 S. Washington Ave., Fullerton, Calif.

Keiles, Elsa Orent, Dr. (F-1932) Biochemist, National Institutes of Health, Bethesda 14, Md.

Keily, Hubert J., Dr. (A-1949) Analytical Chemist, General Electric Co., Schenectady, N. Y. Mail: 2 Birch Lane, Scotia 2, N. Y.

Keller, Alexander George (EF-1932) Assistant Dir. Labs., University of Pennsylvania, Graduate Hospital, Philadelphia 46, Pa. Mail: 6450 Sherwood Rd., Philadelphia 31, Pa.

Kelley, Louise, Dr. (F-1938) Professor of Chemistry, Goucher College, Towson, Baltimore 4, Md.

Kelley, Maurice Joseph, Dr. (L-1938) Director, Industrial Specialties Labs., Nopco Chemical Co., Harrison, N. J. Mail: 180 Ashland Ave., Bloomfield, N. J.

Kelly, Lloyd E. (F-1944) Retired from E. I. du Pont de Nemours & Co., Mail: West Brattleboro, Vt.

Kelly, Robert S. (F-1953) Chief Chemist, Wilbur B. Driver Co., 1875 McCarter Highway, Newark 4, N. J.

Kemp, C. R., Dr. (F-1951) Director, Clinical Res., Flint, Eaton & Co., Decatur, Ill. Mail: Box 881, Decatur, Ill.

Kendall, David N., Dr. (F-1956) President, Kendall Infrared Labs., 1030 Sherman Ave., Plainfield, N. J.

Kendall, James, Dr. (Hon-1924) Professor of Chemistry, University of Edinburgh, Edinburgh, Scotland.

Kenigsberg, Morris (F-1954) Supervisor, Mfg. Process Dev., The Toni Co., 332 Rosabel St., St. Paul 1, Minn.

Kennelly, R. Grice, Dr. (F-1940) 20 North Russell St., Milton 87, Mass.

Kennerly, W. J. (F-1957) Head Prof. of Chemistry, Alabama College, Montevallo, Ala. Mail: 205 Moody St., Montevallo, Ala.

Kenney, Edward F. (F-1954) Chief Chemist, U.S. Customs Lab. (Treasury Dept.) 201 Varick St., New York 14, N. Y.

Kenney, Edward J., Dr. (F-1953) Div. Head, Res. & Dev. Dept., The Colgate-Palmolive Co., Jersey City 2, N. J. Mail: 22 Francis Pl., Caldwell, N. J.

Kent, Allen (F-1952) Associate Director, Center for Documentation Research, Western Reserve University, Cleveland 6, Ohio. Mail: 3598 Raymont Blvd., University Heights 18, Ohio.

Kenyon, Richard L., Dr. (F-1949) Editor, Chemical & Engineering News, American Chemical Society, 1155 - 16th St., N.W., Washington 6, D. C.

Kern, Edward A., Dr. (F-1941) Manager, Engineering, Silicone Products Dept., General Electric Co., Waterford, N. Y.

Kern, Jean Georges (F-1943) National Aniline Div., Allied Chemical & Dye Corp., 1051 S. Park Ave., Buffalo, N. Y.

Kerr, Robert J. (F-1947) President, Robert J. Kerr Chemicals, Inc., 7 S. Fairview, Park Ridge, Ill.

Kertesz, Dennis J., Dr. (M-1942) Technical Director, Chicago Pharmacal Co., 5547 N. Ravenswood Ave., Chicago 40, Ill.

Key, Carlo Frank (A-1958) Chemist, U.S.A. Ballistic Missile Agency, Huntsville, Ala. Mail: 110 - 8th St., West, Huntsville, Ala.

Keyes, Donald Babcock, Dr. (F-1929) Consultant, Arthur D. Little, Inc., New York 17, N. Y. Mail: 480 Park Ave., New York 22, N. Y.

Kienzle, Fred H. (F-1957) Industrial Chemical Sales, Braun Corp., Los Angeles 54, Calif. Mail: 204 S. Swall Dr., Beverly Hills, Calif.

Killeffer, D. H. (F-1949) Consultant, 168 Westchester Ave., Crestwood, Tuckahoe 7, N. Y.

Killelea, Joseph R., Dr. (F-1951) Tech. Dir., Columbia Mineral Beneficiary Lab., New York 27, N. Y. Mail: 258 First Ave., Massapequa Park, N. Y.

Killian, Donald B., Dr. (F-1950) Sales Manager, E. I. du Pont de Nemours & Co., Wilmington, Del. Mail: 197 Nutley Ave., Nutley 10, N. J.

Kilsdonk, Antonius T. (F-1947) Kilsdonk Chemical Corp., Lock Haven, Pa. Mail: 220 Susquehanna Ave., Lock Haven, Pa.

Kimball, Cyril S. (F-1939) Executive Vice President, Foster D. Snell, Inc., 29 West 15th St., New York 11, N. Y.

Kimball, Vera F. (L-1954) Editor, The Chemist, The American Institute of Chemists, Inc., 60 E. 42nd St., New York 17, N. Y.

King, John A., Dr. (F-1948) Director of Research, Armour & Co., Union Stock Yards, Chicago 9, Ill.

King, Robert H., Dr. (F-1956) Head, Agricultural Chemistry Dept., University of Wyoming, Laramie, Wyo. Mail: 1626 Kearney St., Laramie, Wyo.

Kingsbury, Charles (A-1956) 1704 Grand Ave., Keokuk, Iowa.

Kinney, Richard (A-1956) Chairman Science Dept., Allegany Central School, North Fourth St., Allegany, N. Y.

Kipp, Egbert Mason, Dr. (F-1956) Director of Res. & Dev., Foote Mineral Co., Box 576, Berwyn, Pa.

Kirby, Ben H., Jr., Dr. (F-1953) Technical Coordinator, Koppers Co., American Aniline Div., Lock Haven, Pa. Mail: Sunset Pines, Lock Haven, Pa.

Kirby, George W. (F-1937) Tech. Dir. Mfg. Div., Standard Brands, Inc., New York 22, N. Y. Mail: 39 Mangrove Rd., Yonkers 2, N. Y.

Kirk, Paul L., Dr. (F-1957) Professor of Criminalistics & Consultant, University of California, Berkeley 4, Calif. Mail: 1064 Creston Rd., Berkeley 8, Calif.

Kirkpatrick, Arnold (F-1939) Nash & Kinsells Labs, Inc., St. Louis 4, Mo. Mail: R.F.D. #2, Union, Mo.

Kirkpatrick, Sidney D., Dr. (Hon-1949) Editorial Director, Chemical Engineering and Chemical Week. McGraw-Hill Publishing Co., 330 West 42nd St., New York 36, N. Y.

Kirshenbaum, Isidor, Dr. (F-1938) Research Associate, Esso Research & Eng. Co., Linden, N. J. Mail: 436 Otisco Dr., Westfield, N. J.

Kirton, Guy A. (F-1946) Sales Mana-

ger, Eastman Chemical Products, Inc., Box 511, Kingsport, Tenn.

Kittsley, Scott L., Dr. (F-1956) Director, Chemistry Dept., Marquette University, Milwaukee 3, Wis. Mail: 839 N. Marshall St., Apt. 56, Milwaukee 2, Wis.

Kitzmeyer, Edmund L. (F-1948) President, Capitol Yeast Co., Inc., West Brookfield, Mass.

Klarmann, Emil G., Dr. (F-1933) Lehn & Fink, Inc., New York 22, N. Y. Mail: 5 Roosevelt Pl., Montclair, N. J.

Klein Morton J., Dr. (F-1956) Asst. Supervisor, Propellant Chemistry, Armour Research Foundation, 10 West 35th St., Chicago, Ill.

Kleinsinger, Harold (F-1946) Professor of Chemistry, St. John's University, 96 Schermerhorn St., Brooklyn 1, N. Y.

Kline, Gordon M., Dr. (F-1942) Chief, Division of Organic & Fibrous Materials, National Bureau of Standards, Washington 25, D. C. Mail: 5109 Battery Lane, Washington 14, D. C.

Kline, Hayden B. (F-1938) President, Industrial Rayon Corp., P.O. Box 5846, Cleveland 1, Ohio.

Klinedinst, Paul E., Jr. (A-1955) Grad. Student, University of California, Chem. Dept., Los Angeles 24, Calif.

Klinkenberg, Rosemary (M-1957) Supervisor - Chemistry Dept., Twin City Testing & Engineering Lab. Inc., 2440 Franklin Ave., St. Paul, Minn.

Klipstein, Kenneth H. (F-1934) Executive Vice President, American Cyanamid Co., 30 Rockefeller Plaza, New York 20, N. Y.

Klobus, John A. (M-1958) Chemist, Hercules Powder Co., Bessemer, Ala. Mail: 612 19th St., S.W., Birmingham, Ala.

Kloda, Donald W. (A-1955) Investigator, Hetron Technical Service, Hooker Electrochemical Co., Buffalo Ave., Niagara Falls, N. Y.

Klosky, Simon, Dr. (F-1944) Chemist, U.S. Bureau of Mines, Washington 25, D. C. Mail: 1234 Otis St., N.E., Washington 17, D. C.

Knauff, Raymond E., Dr. (F-1957) Assistant Prof. of Biochemistry, University of Michigan, Ann Arbor, Mich. Mail: 3468 Richard Ave., Ann Arbor, Mich.

Knauss, Calvin A. (F-1944) Vice President in charge Surface Coatings Resins, Reichhold Chemicals, Inc., White Plains, N. Y. Mail: Leicester Rd., Scarborough, N. Y.

Kniseley, John M. (F-1940) Owner, J. M. Kniseley Engineering Co., Seattle 8, Wash. Mail: P.O. Box 3724, Seattle 24, Wash.

Knock, Frances E., Dr. (F-1950) Dir. Knock Research Foundation, Chicago 3, Ill. Mail: 630 S. Hermitage, Chicago 12, Ill.

Knowland, Daniel P. (EF-1929) Chemist, retired. Geigy Chemical Corp., Ardsley, N. Y. Mail: 1111 Orchard Ave., St. Joseph, Mich.

Knowles, Chester L., Dr. (F-1937) Partner, Knowles Associates, 19 Rector St., New York 6, N. Y.

Knowles, Francis (F-1957) Manager, Chambers Works, E. I. du Pont de Nemours & Co., Penns Grove, N. J.

Knowles, John T. (F-1944) Project Leader, Planning Phase, U.S.A. I.R.C., Irradiated Products, Inc., White Plains, N. Y. Mail: Gaylord Apts. 1D-3, 2 Overlook Rd., White Plains, N. Y.

Koberlein, Louis F. (F-1945) Consultant, 25 Van Reipen Ave., Jersey City, N. J.

Koch, George P., Dr. (F-1938) 2159 30th Ave., San Francisco 16, Calif.

Koenig, Edward W. (F-1937) Manager, Consolidated Feldspar Dept., International Minerals & Chemicals Corp., 20 N. Wacker Dr., Chicago 6, Ill.

Koenig, Louis, Dr. (F-1945) Louis Koenig-Research, 6702 Blanco Rd., San Antonio 12, Texas.

Koenig, Virgil L., Dr. (F-1948) Associate Professor of Biochemistry, Northwestern University Medical School, 303 E. Chicago Ave., Chicago 11, Ill.

Koethen, Frederick L. (F-1935) Consulting Industrial Chemist, 73 Gillette Ave., Buffalo 14, N. Y.

Koffolt, Joseph H., Dr. (F-1949) Chairman & Prof. of Chem. Eng., Ohio State Univ., Columbus 10, Ohio.

Kohm, Joseph A. (F-1940) Inspector, Petroleum, U.S. Army, Brooklyn 32, N. Y. Mail: 364 West 26th St., New York 1, N. Y.

Kohr, Donald A., Jr. (F-1951) The Sherwin-Williams Co., Chicago 28,

Ill. Mail: 10234 S. Seeley, Chicago 43, Ill.

Kolthoff, Izaak M., Dr. (F-1948) Professor & Head, Analytical Chemistry, University of Minnesota, Minneapolis 14, Minn.

Kolzow, Clarence R. (F-1945) Chemical Engineer, Western Electric Co., Montgomery, Ill. Mail. 400 Prospect Ave., Elmhurst, Ill.

Konde, Anthony J. (F-1948) Full Prof. & Chairman Dept. of Chem., University College, St. John's University, 96 Schermerhorn St., Brooklyn 2, N. Y.

Konig, Otto, Dr. (F-1947) Research Chemist, National Lead Co., Res. Labs., Brooklyn 1, N. Y. Mail: 110-20 73rd Rd., Apt. 3J. Forest Hills 75, N. Y.

Konigsbacher, Kurt S., Dr. (M-1949) Evans Research & Devel. Co., New York 17, N. Y. Mail: 278 Pepper Ridge Rd., Stamford, Conn.

Konstandt, Felix (F-1948) Director, Konstandt Labs., New York 16, N. Y. Mail: 152-57 Jewel Ave., Flushing 67, N. Y.

Konwiser, A. Lincoln (F-1947) Treasurer, C. F. Kirk Co., 521-523 W. 23rd St., New York 11, N. Y.

Koonce, Samuel D., Dr. (F-1948) Manager, Market Res. Dept., Commercial Dev. Div., American Cyanamid Co., 30 Rockefeller Plaza, New York 20, N. Y.

Koontz, Franklin H. (A-1952) Chemist, Textile Fibers Dept., E. I. du Pont de Nemours & Co., Wilmington, Del. Mail: 116 Median Dr., Blue Rock Manor, Wilmington 3, Del.

Kopacki, Adam F. (F-1948) Research Chemist, The Linen Thread Co., Inc., Paterson, N. J. Mail: 453 Devon St., Kearny, N. J.

Koprow, Longine (M-1939) United Merchants & Mfg., Inc., New York 1, N. Y. Mail: 201 Depew St., Dumont, N. J.

Kornett, Peter J. (F-1946) Superintendent, Industrial Div., Oakite Products, Inc., New York 16, N. Y. Mail: Oakite Products, Inc., 34 35th St. Brooklyn 32, N. Y.

Koster, Wesley R. (F-1951) Chief, Inorganic & Agricultural Chem. Br., Chem. & Rubber Div., BDSA, U.S. Dept. Commerce, Washington 25, D. C.

Kotrady, John (F-1952) Assistant Purchasing Supervisor, The Texas Co., New York 17, N. Y. Mail: 13 Wodenethe Dr., Beacon, N. Y.

Kozelka, Frank L., Dr. (F-1948) Wisconsin State Hospital & State Lab. of Hygiene, Madison 6, Wis.

Kraebel, Charlotte M. (A-1955) Research Fellow, Chemistry Dept., University of Maryland, College Park, Md.

Krakowski, Marcella C. (A-1956) Box 1503, Portland 7, Ore.

Krantz, W. J. (F-1956) Goodyear Tire & Rubber Co., Akron, Ohio. Mail: 199 Pffeiffer Ave., Akron 12, Ohio.

Krashin, Bernard R. (M-1947) President, Colton Chemical Co., Div. Air Reduction Co., Inc., 1747 Chester Ave., Cleveland 14, Ohio.

Krasnow, Frances, Dr. (F-1930) Research Consultant, 405 E. 72nd St., New York 21, N. Y.

Krause, Arlington C., Dr. (EF-1931) Surgeon, Veterans Administration, Kennedy Veterans Administration Hospital, Park & Getwell St., Memphis 15, Tenn.

Krawetz, Arthur A., Dr. (M-1956) Vice President, Phoenix Chemical Lab. Inc., Chicago 47, Ill. Mail: 1010 Isabella St., Evanston, Ill.

Krawetz, John (F-1944) President, Phoenix Chemical Laboratory, Inc., 3953 Shakespeare Ave., Chicago 47, Ill.

Krc, John, Jr. (M-1951) Asst. Supervisor, Physical Chem. Res., Armour Research Foundation, Chicago 16, Ill. Mail: 3240 W. 62nd Pl., Chicago 29, Ill.

Kreighbaum, William E. (A-1956) 616 Blaine Ave., Elkhart, Ind.

Kremers, Howard E., Dr. (F-1948) Secretary, Lindsay Chemical Co., West Chicago, Ill.

Krening, Kenneth C. (A-1955) Chemist, Shell Chemical Corp., Torrance, Calif. Mail: 10727 Wilshire Blvd., Los Angeles 24, Calif.

Kreysa, Frank J., Dr. (F-1949) St. John's University, Brooklyn 6, N. Y. Mail: 110-23 212 St., Queens Village 29, N. Y.

Krieger, Carl H., Dr. (F-1948) Director, Basic Res. & Product Dev., Campbell Soup Co., 100 Market St., Camden 1, N. J.

Kroeger, John W. (F-1947) Frederick H. Levey Co., Inc., Philadelphia 47, Pa. Mail: 345 Clearbrook Ave., Lansdowne, Pa.

Kroll, Adam T. (F-1940) President, Clearing Chemical Labs., Inc., Chicago, Ill. Mail: 820 N. Maplewood Ave., Chicago 22, Ill.

Kroner, Albert J. (EF-1923) Retired Science (Chem.) Teacher, 19 William St., Mount Vernon, N. Y.

Kronstein, Max, Dr. (F-1950) Research Scientist, Res. Div., College of Engineering, New York University, New York 53, N. Y. Mail: 3900 Manhattan College Parkway, New York 71, N. Y.

Kropa, Edward L., Dr. (F-1940) Consultant, Batelle Memorial Institute, 505 King Ave., Columbus 1, Ohio.

Krummel, Edward W. (F-1941) Assistant Director of Dev., Bakelite Co., Bound Brook, N. J. Mail: 6 Mead Terr., Glen Ridge, N. J.

Kruppa, William J. (F-1952) Eng. Assistant, Manager of Operations, Eng. & Constr. Div., American Cyanamid Co., 30 Rockefeller Plaza, New York 20, N. Y.

Kruse, Paul F., Dr. (F-1957) Assistant Dir., Biomedical Div., Samuel Roberts Noble Foundation, Inc., Box 870, Ardmore, Okla.

Kubie, William L. (F-1943) Research Chemist, Hunter Engineering Co., Box 272, Riverside, Calif.

Kucker, George, Dr. (F-1947) Director, Elizabeth Bio-Chemical Labs., Elizabeth 4, N. J. Mail: 1160 Burnet Ave., Union, N. J.

Kuh, Erwin, Dr. (EF-1945) Research Associate, Rutgers University, Bureau of Biological Res., & Rhodia, Inc., New Brunswick, N. J. Mail: 119 Livingston Ave., New Brunswick, N. J.

Kuhl, H. Walter, Dr. (F-1941) Chief Chemist, McCormick & Co., Inc., Baltimore 2 Md. Mail: 900 E. Belvedere Ave., Baltimore 12, Md.

Kuhn, Consuelo H. (M-1955) Asst. to Chief Chemist & Publicity Writer, Titan Chemical Industries, Inc., P.O. Box 5034, Denver 17, Colo.

Kuhn, Wayne E., Dr. (F-1940) General Manager, Research & Technical Dept., The Texas Co., P.O. Box 509, Beacon, N. Y.

Kullman, Russell M. H. (A-1955) Chemist, U.S.D.A., Southern Utilization Res. & Dev. Div., 1100 Robert E. Lee Blvd., New Orleans 19, La.

Kummerow, Fred A., Dr. (F-1956) Assoc. Prof. of Food Chem., Dept. of Food Tech., Univ. of Illinois, Urbana, Ill. Mail: 28 Montclair Rd., Urbana, Ill.

Kundiger, Donald G., Dr. (F-1956) Associate Professor, Kansas State College, Manhattan, Kan.

Kunik, I. Jordan (F-1957) Patent Lawyer, 521 Fifth Ave., New York 17, N. Y.

Kunin, Robert, Dr. (F-1951) Laboratory Head, Rohm & Haas Co., 5000 Richmond St., Philadelphia 37, Pa.

Kunz, Eric C., Dr. (EF-1945) Doctor Kunz Farm, Fletcher, N. C.

Kunz, Walter B. (F-1945) Senior Research Chemist, American Viscose Corp., Marcus Hook, Pa. Mail: 333 Collins Dr., Springfield, Pa.

Kurt, O. Edward, Dr. (F-1944) Ethyl Corp., Detroit, Mich. Mail: 531 W. Hildale Ave., Detroit 3, Mich.

Kurtz, Jacob (F-1931) President, Kulite Tungsten Corp., 1040 Hoyt Ave., Ridgefield, N. J.

Kurz, Joseph L. (A-1955) 6718 Dolan Pl., St. Louis 10, Mo.

Kuti, Albert J. (M-1939) Materials Engineer, Westinghouse Electric Corp., Sharon, Pa. Mail: 1009 Woodview Pl., Sharon, Pa.

Lacey, Harold T., Dr. (F-1932) Research Associate, American Cyanamid Co., Bound Brook, N. J.

Lacey, Robert E. (F-1957) Chemical Engineer, Southern Research Institute, Birmingham 5, Ala. Mail: 414 Kenilworth Dr., Birmingham, Ala.

LaForgia, Cosmo K. (M-1947) Chemist, U.S. Customs Lab., 201 Varick St., New York, N. Y. Mail: 58 St. Pauls Ave., Staten Island 1, N. Y.

LaLande, William A., Jr., Dr. (F-1947) Vice-President & Technical Director, Pennsalt Chemicals Corp., Three Penn Center Plaza, Philadelphia 2, Pa.

Lamb, James B., (M-1957) Chemist, Dodge & Olcott, Inc., New York 14, N. Y. Mail: 2 Rose Court, Farmingdale, L. I., N. Y.

Lambert, Frank E., Jr. (F-1957) Assoc. Prof. Chem., Junior College of Augusta, Augusta, Ga., Mail: 132 McElmurray Dr., Augusta, Ga.

Lambou, Mrs. Madeline G. (F-1957) Chemist, Southern Utilization Res. & Dev. Div., 1100 Robert E. Lee Blvd., New Orleans 19, La.

Lamenzo, Ralph W. (F-1941) Manager, Pinturas Ecuatorianas, S. A.,

Guayaquil, Ecuador. Mail: P.O. Box #4927, Guayaquil, Ecuador.

Lampert, Lincoln M. (F-1946) Senior Chemist-Consultant, Dept. of Agriculture, Sacramento 6, Calif. Mail: P.O. Box 1266, Sacramento 6, Calif.

Landolt, Percy E. (F-1936) Consulting Engineer, 36 W. 44th St., New York 36, N. Y.

Lane, Noel West, Jr. (M-1955) Chemist, Los Angeles Testing Lab., Los Angeles 15, Calif. Mail: 405 N. 19th St., Montebello, Calif.

Lang, Louis (F-1929) Chief Res. Chemist, National Sugar Refining Co., 1227 N. Delaware Ave., Philadelphia 25, Pa.

Lang, Maurice (F-1953) U.S. Electric Mfg. Co., New York 18, N. Y. Mail: 121 E. Chester St., Long Beach, N. Y.

Lange, A. R. (F-1937) Treasurer - Board Chairman, Adam Cook's Sons, Inc., 5 Stiles St., Linden, N. J.

Lange, Norbert A., Dr. (F-1936) Editor, Compiler of Lange's Handbook of Chemistry, Handbook Publishers, Inc., Sandusky, Ohio. Mail: P.O. Box 596, Sandusky, Ohio.

Langeland, William E., Dr. (F-1957) Senior Dev. Representative, Pennsalt Chemicals Corp., Philadelphia 2, Pa. Mail: 39 Dechert Rd., Conshohocken, Pa.

Langer, Theodore W., Dr. (F-1949) Senior Research Chemist, Linde Co., Div. of Union Carbide Corp., P.O. Box 44, Tonawanda, N. Y.

Lannan, John A. (A-1956) Production Engineer, American Cyanamid Co., Wallingford, Conn. Mail: 1 Burke Heights Dr., Wallingford, Conn.

Lansing, A. C. (F-1923) Lab. Manager, Michigan Chrome & Chemical Co., Detroit, Mich. Mail: 1024 Forestdale Rd., Royal Oak, Mich.

Lanwermeyer, Charles F. (F-1944) Chief Pharmacist, Abbott Laboratories, North Chicago, Ill.

Lape, Donald Charles (A-1956) Organic Chemist, Minnesota Mining & Mfg. Co., St. Paul, Minn. Mail: 1690 E. Maryland Ave., St. Paul 6, Minn.

Larmour, Harry (F-1943) 1 Duane St., Redwood City, Calif.

La Rosa, William V. (F-1939) Chief Chemist, California Grape Products Corp., Box 397, Delano, Calif.

Larsen, June L. (A-1955) Librarian, American Cyanamid Co., New York 20, N. Y. Mail: 1043 - 76th St., Brooklyn 28, N. Y.

Larsen, Robert A., Dr. (F-1956) Manager of Research, Pillsbury Mills, Inc., 311 S.E. Second St., Minneapolis 14, Minn.

Larson, John G. (A-1955) Knoxville, Ill.

Lash, John A. (A-1955) Smith, Kline & French Labs., Philadelphia 1, Pa. Mail: 2405 W. Toronto St., Philadelphia 32, Pa.

Laskowski, Donald E., Dr. (A-1951) Assistant Supervisor, Analytical & Organic Research, Armour Research Foundation, 10 West 35th St., Chicago 16, Ill.

Lasky, Wayne (F-1948) Engineer of Tests, Gulf Mobile & Ohio R.R. Co., Bloomington, Ill.

Latshaw, Walter Leroy, Sr. (EF-1938) Retired from U.S. Smelting, Refining & Mining Co., Salt Lake City, Utah. Mail: 1803 Yale Ave., Salt Lake City 8, Utah.

Lauenstein, Milton C., Jr. (M-1946) Consultant, A. T. Kearney & Co., Chicago, Ill. Mail: 5441 Woodland Ave., Western Springs, Ill.

Lauer, Luther M. (EF-1936) 98 N. Buffalo St., Orchard Park, N. Y.

Laufer, Stephen, Dr. (F-1940) Vice President, Schwarz Laboratories, Inc., 230 Washington St., Mt. Vernon, N. Y.

Lauffer, Paul G. I., Dr. (F-1936) 9 Ashley Rd., Hastings-on-Hudson, N. Y.

Laughlin, Kenneth C., Dr. (F-1951) Manager, Process Dev. Dept., Celanese Corp. of America, Charlotte 1, N. C. Mail: 1719 Queens Road West, Charlotte, N. C.

Laurence, Alfred Edward, Dr. (F-1957) Manager, European Office, Central Research, Minnesota Mining & Mfg. Co., St. Paul 1, Minn. Mail: 3M House, Wigmore St., London W1, England.

Laurence, Dean (L-1947) Partner, Laurence, Wiest & Sherman, Washington 4, D. C.

Lauro, Michael F., Dr. (F-1956) Chief Chemist, N. Y. Produce Exchange, 42 Stone St., New York 4, N. Y.

Lauzau, Wilbur R. (A-1950) National Carbon Co., Div. Union Carbide Corp., Fostoria, Ohio. Mail: 105½ E. Fourth St., Fostoria, Ohio.

Lawrence, Winthrop S. (F-1929) Research Director, Kaumagraph Co.,

Box 388, Wilmington, Del.

Lawson, James A. (F-1953) Consultant, 1200 S. Court House Rd., Arlington 4, Va.

Lawson, Lewis S. (F-1953) President, Lawson Chemical Products Co., Culver City, Calif. Mail: 1931 Preuss Rd., Los Angeles 34, Calif.

Lawton, Ledra M., Dr. (F-1934) Harrison Radiator Div. of General Motors, Lockport, N. Y. Mail: 572 Potomac Ave., Buffalo 22, N. Y.

Layton, Richard (A-1955) Student, University of Texas, Austin, Tex.

Lazier, Wilbur A., Dr. (F-1947) Vice President & Tech. Dir., Sprague Electric Co., North Adams, Mass. Mail: Box 850, Williamstown, Mass.

Lea, William L., Dr. (F-1951) Director, Industrial Hygiene Div., State Board of Health, Madison, Wis. Mail: 5206 Hammersley Rd., Madison, Wis.

Leach, John M. (F-1939) President, Econ-O-Veyor Corp., 224 Glen Cove Ave., Glen Cove, N. Y.

Lecher, Hans Z., Dr. (F-1940) Consultant, 1049 Kenyon Ave., Plainfield, N. J.

Leclerc, Theresa (A-1952) Chemistry Teacher, Mt. St. Joseph Academy, St. Johnsbury, Vt. Mail: 5 Green St., St. Johnsbury, Vt.

Lee, David D. (A-1956) 4201 N. Clarendon Ave., Chicago, Ill.

Lee, Ralph E., Dr. (F-1923) 104 Richmond Rd., Douglaston 63, N. Y.

Lee, Sidney P. (F-1948) President, Dallas Associated Labs., 2121 South Central Expressway, Dallas, Tex.

Lee, William M. (F-1950) Supervisor, Production Dev. Dept., Pennsalt Chemicals Corp., Whitemarsh Research Labs., Philadelphia 18, Pa. Mail: Montgomery Ave., Ambler, Pa.

Leeds, Morton W., Dr. (F-1943) Supervisor, Organic Chem. Dev., Air Reduction Co., Inc., Murray Hill, N. J. Mail: 1022 Liberty Ave., Union, N. J.

Le Fave, Gene M. (F-1953) Chief Chemist, Coast Pro-Seal & Mfg. Co., 1507 Grande Vista Ave., Los Angeles 23, Calif.

Leffler, Amos (A-1949) 887 Oak Rd., Lafayette, Calif.

Leggin, Alexander (F-1951) Consultant, Alexander Leggin & Assoc., 1025 Connecticut Ave., N.W., Washington 6, D. C.

Legler, John L. (F-1950) Supervisor, CS-A Div., National Aniline Div., Allied Chemical & Dye Corp., Buffalo, N. Y. Mail: 70 Princeton Pl., Orchard Park, N. Y.

LeGrys, Herbert J. (F-1940) Chief Chemist, Stackpole Carbon Co., St. Marys, Pa.

Lehikoinen, Urho Albert (A-1951) Research Chemist, Ethyl Corp., Ferndale 20, Detroit, Mich. Mail: 12740 Virgil, Detroit 23, Mich.

Leibiger, O. W., Dr. (F-1946) President, O. W. Leibiger Research Laboratories, Inc., Hoosick Falls, N. Y. Mail: Box 209, Hoosick Falls, N. Y.

Leinau, Roberts, Jr. (F-1923) 330 Amethyst St., Balboa Island, Calif.

Lemoine, Truett (A-1955) Address wanted.

Lenher, Samuel, Dr. (F-1936) Vice President, Director, Member of Executive Committee, E. I. du Pont de Nemours & Co., Inc., 9058 Du-Pont Bldg., Wilmington 98, Del.

Lenhoff, Edward S. (M-1956) Research Assoc., Columbia University, Lamont Geological Observatory, Palisades, N. Y. Mail: 3875 Waldo Ave., New York 63, N. Y.

Lenihan, Patrick J. (M-1929) Bd. of Transportation, City of N. Y., Brooklyn 1, N. Y. Mail: 48-53 44th St., Woodside, N. Y.

Lento, Louis L., Jr. (M-1944) Group Leader, Process Dev., American Cyanamid Co., Stamford, Conn. Mail: 760 Hope St., Springdale Conn.

Leonard, Clifford S., Dr. (F-1936) 286 Whitfield St., Guilford, Conn.

Lepley, Arthur R. (A-1954) Res. Assistant, Dept. of Chem., University of Chicago 37, Ill. Mail: 5112 Dorchester Ave., Chicago 15, Ill.

Les Vaux, John F. (F-1957) Development Dept., Niagara Chemical Div., Food Machinery & Chemical Corp., Middleport, N. Y. Mail: 12 Freeman Ave., Middleport, N. Y.

Levens, Ernest (F-1954) Coordinator of Safety & Industrial Hygiene, American Potash & Chemical Corp., 3030 W. Sixth St., Los Angeles 54, Calif.

Levenson, John J., Jr. (F-1947) President, John J. Levenson Jr. & Associates, New York 17, N. Y. Mail: R.F.D. #2, Glen Hill Lane, West Redding, Conn.

Levey, Harold A., Sr. (F-1940) Pres-

ident, American Products Mfg. Co., New Orleans 18, La. Mail: 311 Audubon Blvd., New Orleans, La.

Levin, Ernest M. (M-1944) Physical Chemist, National Bureau of Standards, Washington 25, D. C.

Levine, Morris, Dr. (F-1943) Vice-President & General Manager, Universal Detergents, Inc., 1825 East Spring St., Long Beach 6, Calif.

Levine, Sumner (A-1954) 20 Frontenac, Dorchester 24, Mass.

Levinson, Sidney B. (F-1937) Technical Director, Daniel - Litter Labs., 114 E. 16th St., New York 3, N. Y.

Levitt, Benjamin (F-1924) Superintendent, Windsor Chemical Labs., Philadelphia 27, Pa. Mail: 4834 N. Franklin St., Philadelphia 20, Pa.

Lewin, Seymour Z., Dr. (F-1956) Associate Professor of Chemistry, New York University, Washington Square, New York 3, N. Y.

Lewis, George A. (L-1938) General Manager, Dispersions Div., Columbian Carbon Co., 380 Madison Ave., New York 17, N. Y.

Lewis, John B. (F-1948) Consultant, 421 W. Main St., Boonton, N. J.

Lewis, Roger N. (A-1956) Teaching Fellow, Chem. Dept., Oregon State College, Corvallis, Ore.

Lewis, Warren K., Dr. (Hon-1949) Prof. Emeritus, Massachusetts Institute of Technology, Cambridge 39, Mass.

Liberthson, Leo (F-1951) Patent Dept., L. Sonneborn Sons, New York 16, N. Y. Mail: 1770 Davidson Ave., New York 53, N. Y.

Licata, Francis J. (F-1936) Tech. Dir., Metasap Chemical Co., Harrison, N. J. Mail: 20 Sanderson Ave., Caldwell, N. J.

Lichman, Jacob (F-1954) Research Manager, The Borden Co., Chemical Div., Coatings & Adhesives Dept., 103 Foster St., Peabody, Mass.

Lichtin, James J. (F-1923) Verona Chemical Co., Newark, N. J. Mail: 49 Kenmore Ave., Newark 6, N. J.

Liebman, Samuel (M-1952) Research Chemist, W. R. Grace & Co., Clifton, N. J. Mail: 5715 Avenue H, Brooklyn 34, N. Y.

Lighthipe, C. H. (F-1946) Director, Industrial Fibers Labs., Nopco Chemical Co., Harrison, N. J. Mail: 56 Mt. Airy Road, Bernardsville, N. J.

Linden, Erik G. (M-1945) General Engineer, U.S. Army Signal Engineering Labs., Fort Monmouth, N. J. Mail: 22 William St., Red Bank, N. J.

Lindsay, Kenneth L., Dr. (A-1948) 744 Frances-Harriet Dr., Baton Rouge, La.

Lindwall, Harry G., Dr. (F-1932) Professor of Chemistry, New York University, New York 53, N. Y.

Lineken, Edgar E., Dr. (F-1948) Senior Research Chemist, American Cyanamid Co., Bound Brook, N. J. Mail: 153 Mountain Ave., Somerville, N. J.

Linfield, Warner M., Dr. (A-1940) Director of Res., Soap Div., Armour & Co., 1355 W. 31st St., Chicago 9, Ill.

Lingenfelter, Mrs. Mina L. (A-1956) Staff Member, Sandia Corp., Sandia Base, Albuquerque, N. Mex.

Linz, Arthur (F-1936) Consultant, 551 Fifth Ave., New York 17, N. Y.

Lipton, William J. (EF-1929) Dept. of Health, City of N. Y., Chemical Lab., 125 Worth St., New York 13, N. Y.

Littell, Nelson (F-1952) Partner, Hammond & Littell, 350 Madison Ave., New York 17, N. Y.

Littman, Joseph B., Dr. (F-1940) Director of Lab. & Res., Packard Electric Div., General Motors Corp., Warren, Ohio.

Livingston, Ernest M., Dr. (F-1948) Brooklyn College, Brooklyn 10, N. Y. Mail: 67-12 Yellowstone Blvd., Apt. D-18, Forest Hills 75, N. Y.

Lloyd, Stewart J., Dr. (F-1923) Assistant State Geologist, Alabama Geologcal Survey, Unversity, Ala. Mail: Box O, University, Ala.

Lobo, Walter E. (F-1953) Consulting Engineer - Partner, Devys & Lobo, New York 16, N. Y. Mail: 2 Stoneleigh Park, Westfield, N. J.

Lobstein, Otto E., Dr. (F-1954) Director of Res., Chem-Tech Laboratories, 236½ S. Robertson Blvd., Beverly Hills, Calif.

Locko, Benjamin S. (F-1953) Vice President in charge of Res. & Dev., Norton & Son, Inc., Bayonne, N. J. Mail: 59 Overlook Ave., Dongan Hills, Staten Island 4, N. Y.

Lockwood, William H., Dr. (F-1948) Division Head, Elastomer Chemi-

cals Dept., E. I. du Pont de Nemours & Co., Inc., Wilmington, Del. Mail: 28 Westover Circle, Wilmington 6, Del.

Lodder, William B. (M-1944) American Chemical Society, 1155 16th St., N.W., Washington, D. C. Mail: 234 Great Falls Rd., Rockville, Md.

Lombardino, Joseph G., Dr. (A-1955) Research Chemist, Chas. Pfizer & Co., Inc., 11 Bartlett St., Brooklyn 6, N. Y.

Lombardo, Joseph B. (F-1936) Chemist, American Cyanamid Co., Bound Brook, N. J. Mail: 440 E. Main St., Somerville, N. J.

LoMonte, James R. (A-1954) Manufacturing Design Engineer, Radio Corp. of America, Harrison, N. J. Mail: 23B Addison Pl., Clifton, N. J.

Long, James Scott, Dr. (F-1943) Prof. in Chemical Engineering, University of Louisville, Louisville, Ky. Mail: R. 2, Box 318G, Jeffersonville, Ind.

Long, Lamar E. (M-1947) Chemist, The Dampney Co., Doylestown, Pa.

Long, Robert S., Dr. (F-1942) Dir. of Product Res., American Cyanamid Co., Bound Brook, N. J. Mail: 690 Hawthorne Ave., Bound Brook, N. J.

Longenecker, Herbert E., Dr. (F-1953) Vice President in charge of Chicago Professional Colleges, University of Illinois, 833 S. Wood St., Chicago 12, Ill.

Longmire, Martin (A-1953) Address wanted.

Lord, Erskine D. (F-1940) Superintendent, J. S. Barnet & Sons, Inc., Lynn, Mass. Mail: 9 Pilgrim Rd., Marblehead, Mass.

Lord, George C. (M-1951) Fisher Scientific Co., New York 14, N. Y. Mail: 88-25 213th St., Queens Village, N. Y.

Lothrop, Warren C., Dr. (F-1948) Vice President, Arthur D. Little, Inc., Cambridge 42, Mass. Mail: Arthur D. Little, Inc., 15 Acorn Park, Cambridge 40, Mass.

Lotz, Paul L., Dr. (F-1936) Technical Director, Socony Paint Products Co., Metuchen, N. J. Mail: Box 327, Plainfield, N. J.

Louder, E. A., Dr. (F-1947) Director of Plant Research, Pet Milk Co., Greenville, Ill.

Lourie, Harry L. (F-1923) National Association of Alcoholic Beverage Importers, Inc., 700 National Press Bldg., Washington 4, D. C.

Lowe, Kenneth E. (A-1956) 3113 Reynolds St., Brunswick, Ga.

Lowenheim, Frederick A., Dr. (F-1949) Technical Advisor, Metal & Thermit Corp., Rahway, N. J. Mail: 637 W. 7th St., Plainfield, N. J.

Lowenstein, Gabriel A., Dr. (F-1933) President, Granson's Inc., Room 932, 525 Lexington Ave., New York 17, N. Y.

Lowy, Benno, Dr. (F-1947) Chief Chemist & Owner, Pacific Chemical Laboratories, 350 Clay St., San Francisco 11, Calif.

Lucas, James A. (A-1958) Chemical Engineering Assistant, Army Ballistic Missile Agency, Det. A.U.S., Huntsville, Ala.

Luckens, Mark M. (F-1936) 196 Colebrook St., Hartford, Conn.

Ludwig, Richard E., Dr. (A-1952) Research Chemist, E. I. du Pont de Nemours & Co., Eastern Lab., Gibbstown, N. J.

Lueck, Roger H., Dr. (F-1940) Res. & Tech. Dept., American Can Co., 100 Park Ave., New York 17, N. Y.

Lukat, Robert T. (M-1945) Tech. Director, Southern Nitrogen Co., Box 246, Savannah, Ga.

Lund, Einor E. (M-1948) Textor Labs. Inc., Cleveland 14, Ohio. Mail: 31526 Royalview Drive, Willowick, Ohio.

Lundin, Harry G. (F-1944) Research Chemist, Chesebrough-Ponds, Inc., Clinton, Conn. Mail: Route 1, Box 83, Westbrook, Conn.

Lundstrom, Frank O. (F-1928) Associate Chemist, U.S.D.A., Soils & Fertilizer Div., Plant Industry Station, Beltsville, Md. Mail: 7804 Old Chester Rd., Bethesda 14, Md.

Luoma, E. Victor (A-1954) Chemist, The Dow Chemical Co., Midland, Mich. Mail: 501 Townsend St., Midland, Mich.

Lusskin, Abraham, Dr. (F-1937) Everseal Mfg. Co., Ridgefield, N. J. Mail: 437 Mountain View Rd., Englewood, N. J.

Luttinger, Lionel B., Dr. (A-1949) 140 Hoyt St., Stamford, Conn.

Lutz, J. George, Dr. (F-1944) Prof. of Chem. & Chairman Chem. Dept., Hofstra College, Hempstead, N. Y.

Lycan, W. H., Dr. (F-1953) Vice President, Research, Johnson & Johnson, New Brunswick, N. J.

Lyle, Aaron K. (F-1948) Technical Manager, Emhart Manufacturing Co., Hartford - Empire Co., Div., 333 Homestead Ave., Hartford 2, Conn.

Lyons, Sanford C. (F-1947) Vice President & Tech. Dir., Georgia Kaolin Co., Dry Branch, Ga.

Lythgoe, Hermann C. (L-1936) Retired Director, Food & Drug Div., Massachusetts Dept. of Public Health, Boston, Mass. Mail: 60 Highland Ave., Newtonville, Mass.

MacDowell, L. G., Dr. (F-1945) Research Director, Florida Citrus Commission, Box 1720, Lakeland, Fla.

MacElwee, Irvin R. (F-1936) Plant Manager, Congoleum Nairn, Inc., Marcus Hook, Pa.

MacGee, A. Ernest, Dr. (F-1938) Manager Industrial Div., Skelly Oil Co., Kansas City, 41, Mo. Mail: 6847 Oak St., Kansas City 13, Mo.

Mack, Harry (F-1948) Director of Chemical Control, National Drug Co., Philadelphia 44, Pa. Mail: 1107 E. Phil-Ellena St., Philadelphia 50, Pa.

Mack, Pauline B., Dr. (F-1936) Dean, College of Household Arts, Texas State College for Women, Denton, Texas. Mail: Box 3895, T.S.C.W., Denton, Texas.

Mackenzie, Kenneth G. (F-1937) Kenneth G. Mackenzie Associates, 113 Old Hill Farms Road, Westport, Conn.

Mackenzie, Neil M., Dr. (F-1944) Group Leader Res. Div., American Cyanamid Co., Bound Brook, N. J. Mail: 598 Watchung Rd., Bound Brook, N. J.

Mackey, Robert J. (F-1929) Electronics Res. Lab., Stanford Univ., Stamford, Calif. Mail: 1800 Elm St., San Carlos, Calif.

Mackinney, Herbert W., Dr. (F-1943) Bakelite Co., Bloomfield, N. J. Mail: 306 Park Ave., Freehold, N. J.

MacLeod, John W., Jr. (F-1958) Representative, Industrial Finishes Div., The Glidden Co., Atlanta, Ga. Mail: 103-B Foxhall Rd., Birmingham 9, Ala.

MacMullen, Clinton W., Dr. (F-1936) Manager of Res., Organic Chemicals Div., Olin Mathieson Chemical Corp. New Haven, Conn. Mail: 73 Jesswig Dr., Hamden, Conn.

Maddock, J. Kenneth (F-1953) Editor, John Wiley & Sons, Inc., 440 Fourth Ave., New York 16, N. Y.

Magill, Mary Annetta, Dr. (F-1949) Associate Editor, Chemical Abstracts, Ohio State University, Columbus 10, Ohio.

Magnus, Percy C. (A-1946) President, Magnus, Mabee & Reynard, Inc., 16 Desbrosses St., New York 13, N. Y.

Magnuson, Donald V. (A-1951) Director of Res. & Dev., Secretary, Labline, Inc., 3070 West Grand Ave., Chicago, Ill.

Magnusson, Frederick S. (F-1951) Ass't. Chief, Chem. Sect., Bur. of Foreign Commerce, U.S. Dept. of Commerce, Waashington 25, D. C. Mail: 206 Park Hill Pl., Fairfax, Va.

Magoffin, James E., Dr. (F-1946) Vice President in charge of Chemicals Div., Eastman Chemical Products, Inc., Kingsport, Tenn.

Maguire, James F. (F-1944) Standard Cap & Seal Corp., New York 17, N. Y. Mail: 201 Vose Ave., South Orange, N. J.

Maguire, Richard G. (F-1950) Assoc. Chemist, Armour Research Foundation, Chicago 16, Ill. Mail: 8409 S. Green St., Chicago 20, Ill.

Mahar, Lyle J. (M-1946) Coke Oven Lab., Bethlehem Steel Co., Lackawanna, N. Y.

Mahoney, John F., Dr. (F-1948) Manager, Technical Service, Merck & Co., Inc., Rahway, N. J.

Maickel, Roger P. (A-1954) Chemist, National Heart Institute, National Institutes of Health, Bethesda 14, Md.

Maisch, William G., Dr. (A-1951) Assistant Professor, Institute of Molecular Physics, University of Maryland, College Park, Md.

Maisner, Herman, Dr. (EF-1925) Los Angeles, Calif.

Major, Randolph T., Dr. (F-1945) Old Farm Rd., RFD #5, Box 318, Charlottesville, Va.

Makara, Frank, Dr. (F-1950) Patent Lawyer, 233 Broadway, New York 7, N. Y.

Mann, James O., Jr. 2nd Lt., USAR (A-1957) U.S. Army, Ft. Monmouth, N. J. Mail: 511 Houston St., Alexander City, Ala.

Mann, Leo (F-1947) President, Leo Mann & Co., 160 North Washington St., Boston 14, Mass.

Manning, Paul D. V., Dr. (Hon-1942) Sr. Technical Vice President, International Minerals & Chemical Corp., 20 N. Wacker Dr., Chicago 6, Ill.

Maple, Frank E. (F-1950) Toilsome Brook Rd., Stamford, Conn.

Marberg, Carl M., Dr. (F-1948) Director of Research, Inland Steel Container Co., Chicago 38, Ill. Mail: 10917 S. Parnell Ave., Chicago 28, Ill.

March, Jacqueline F. (Mrs. A. W. March) (F-1943) Research Associate, 2517 Rugby Rd., Dayton 6, Ohio.

Margolin, Mordecai (F-1929) 9 Hamelitz St., Tel Aviv, Israel.

Margolis, Asher J. (F-1953) Pilot Plant Manager, Simoniz Co., Chicago 16, Ill. Mail: 1338 E. Madison Park, Chicago 15, Ill.

Margulies, Paul H., Dr. (F-1955) Manager, Special Assignments, Becco Chemical Div., Buffalo 7, N. Y. Mail: 42 Hancock Terr., Buffalo 26, N. Y.

Marie, Sister Saint Dolores, Rev., C.N.D. (A-1948) Notre Dame College of Staten Island, 300 Howard Ave., Staten Island, N. Y.

Marion, Alexander P., Dr. (F-1951) Associate Professor of Chem., Queens College, Flushing 67, N. Y. Mail: 19 Highland Pl., Great Neck, N. Y.

Mark, Arthur M. (F-1950) Transparent Package Co., Chicago 9, Ill. Mail: 177 Shabbona Dr., Park Forest, Ill.

Mark, Herman F., Dr. (F-1947) Prof. of Chem. & Director of the Institute of Polymer Res., Polytechnic Inst. of Brooklyn, 99 Livingston St., Brooklyn 2, N. Y.

Markland, William R. (F-1947) Laboratory Group Leader, Revlon, Inc., New York 51, N. Y. Mail: 48 Hawthorne Ave., Port Chester, N. Y.

Marks, Henry C., Dr. (F-1948) Director of Research, Wallace and Tiernan, Inc., 25 Main St., Belleville, N. J.

Marks, Lewis H., Dr. (F-1932) Vice President, Publicker Industries, Inc., 1429 Walnut St., Philadelphia, Pa.

Markwood, Louis N. (F-1925) Chief Chemist, Airtronics, Inc., Washington 16, D. C. Mail: 5420 Connecticut Ave., Washington 15, D. C.

Marocco, Frank J. (M-1951) Tensolite Insulated Wire Co., Tarrytown, N. Y. Mail: 65 Tuckahoe Ave., Tuckahoe, N. Y.

Marrero, Emilio J., Dr. (F-1957) Physician-Surgeon, Jay Hospital, Jay, Fla. Mail: P.O. Box 248, Jay, Fla.

Marsel, Charles J., Dr. (F-1949) Assoc. Prof. of Chem. Eng., New York University, New York 53, N. Y.

Martin, Andrew J. (A-1945) Research Chemist, Group Leader. Barrett Div., Allied Chemical & Dye Corp., South Ridgeway Ave., Glen Olden, Pa.

Martin, James W. (F-1943) Vice President, Engineering, Oil Recovery Corp., New York 17, N. Y. Mail: 415 Lexington Ave., New York 17, N. Y.

Martin, Lena (F-1940) Route 3, La Grange, Ga.

Martin, S. M., Jr., Dr. (F-1949) Vice President in charge of Sales, Thiokol Chemical Corp., 780 N. Clinton Ave., Trenton, N. J.

Marusi, Augustine R. (F-1954) The Borden Co., Chemical Div., New York 17, N. Y. Mail: Box 338 RFD #1, Red Bank, N. J.

Marvel, Carl S., Dr. (Hon-1955) Research Professor of Organic Chemistry, University of Illinois, Urbana, Ill.

Marvinny, John J. (F-1953) Consultant, Oil, Fats, & Waxes, 106 Broadway, Jersey City, N. J.

Marwick, Gordon E. (A-1947) Rubber Chemist, Rome Cable Corp., Ridge St., Rome, N. Y.

Marx, Walter S., Jr. (F-1947) President, Director of Research, Printing Arts Research Labs., Inc., La Arcadia Bldg., Santa Barbara, Calif.

Marzocchi, Alfred, Dr. (M-1947) 35 Thomas Leighton Blvd. N., RFD #3, Cumberland, R. I.

Mason, Clarence T., Dr. (F-1949) Director, Carver Foundation, Tuskegee Institute, Ala.

Mason, David M. (F-1954) Supervisor, Anal. Lab., Institute of Gas Technology, Chicago 16, Ill. Mail: 5434 S. Blackstone Ave., Chicago 15, Ill.

Mason, Donald B. (F-1938) Technical Director, Freeport Sulphur Co., 161

East 42nd St., New York 17, N. Y.

Mason, James M. (M-1948) Patent Attorney, Hauff & Warland, Box 1854, New Haven, Conn.

Mason, J. Philip, Dr. (F-1957) Professor of Chemistry, Boston University, Boston, Mass. Mail: 68 Sterling Rd., Westwood, Mass.

Masters, Carl L., Dr. (EF-1943) (Retired) Mail: Jekyll Island, Ga.

Mastrangelo, Sabastian, Dr. (A-1947) Barrett Division, Allied Chemical & Dye Corp., Glen Olden, Pa. Mail: 124 Stoney Hill Rd., Ridley Turnpike, Ridley Park, Pa.

Masuelli, Frank J., Dr. (M-1949) Chief, Propellants Unit, Picatinny Arsenal, Dover, N. J. Mail: P.O. Box 2, Rockaway, N. J.

Mathers, Alexander P., Dr. (F-1954) Asst. Chief, Alcohol & Tobacco Tax Lab., ATTD., Treasury Dept., Washington, D. C. Mail: 1407 Russell Rd., Alexandria, Va.

Mathes, Ralph V. (F-1947) Chief Analyst, Oakite Products, Inc., 19 Rector St., New York 6, N. Y.

Matlack, Robert W. (F-1944) President & Technical Director, Geo D. Wetherill & Co., Inc., 113 Arch St., Philadelphia 6, Pa.

Matt, Joseph Z., Dr. (F-1952) Alkydol Labs., 3242 S. 50th Ave., Cicero 50, Ill.

Matthews, Norris W. (F-1923) Chemist, Fine Chemicals Dept., Food Machinery & Chemical Corp., Baltimore 3, Md. Mail: 101 W. 39th St., Baltimore 10, Md.

Mattikow, Morris (F-1947) Refining Unincorporated, New York 18, N. Y. Mail: 98 Riverside Dr., New York 24, N. Y.

Mattin, Harry E. (F-1946) President, The Mearl Corp., Ossining, N. Y.

Maxwell, Charles E. III, Dr. (F-1946) Research Chemist, Charles Pfizer & Co., Groton, Conn.

May, Alvin E. (F-1953) Director of Technical Sales, Truesdail Laboratories, Inc., 4101 N. Figueroa St., Los Angeles 65, Calif.

May, Ernest M. (F-1947) Chemist, Otto B. May, Inc., Newark 5, N. J. Mail: 57 Colt Rd. Summit, N. J.

May, Merrill R. (F-1954) Research Manager, Hess-Goldsmith & Co., New York 18, N. Y. Mail: Glass Fabrics Finishing Co., Industrial Village, Cedar Grove, N. J.

May, Orville E., Dr. (F-1928) Vice President, The Coca-Cola Co., 310 North Avenue, N.W., P.O. Drawer 1734, Atlanta 1, Ga.

Mayer, David (A-1953) Graduate Student, Carnegie Institute of Technology, Pittsburgh 13, Pa. Mail: 317 S. Craig St., Pittsburgh 13. Pa.

Mayer, Ralph (F-1944) Columbia Univ., New York, N. Y. Mail: 240 E. 20th St., New York 3, N. Y.

Mayer, T. Jack (A-1954) Research Assistant, Petroleum Refining Lab., Pennsylvania State University, University Park, Pa. Mail: 232 E. Fairmont Ave., State College Pa.

Mayol, Pedro M. (A-1954) Assistant Research Chemist, Root Chemicals, Inc., Box 246, Roosevelt, P. R. Mail: Box 44, Hato Rey, P. R.

Mazzucchelli, Arthur P. (F-1943) 1920 Rita Terrace, Scotch Plains, N. J.

McBee, Earl T., Dr. (F-1952) Department Head, Purdue University, W. Lafayette, Ind. Mail: 420 Forest Hill Dr., W. Lafayette, Ind.

McBride, Edward T., Dr. (F-1939) General Sales Manager, J. P. Frank Chemical Co., Inc., 11 East 26th St., New York 10, N. Y.

McBurney, John W., Dr. (F-1923) Consultant, 1543 N. Falkland Lane, Silver Spring, Md.

McCarthy, Juanita (A-1956) 23 Briarcliffe Drive, Collinsville, Ill.

McCauley, Rogers C., Jr. (A-1957) Chemical Engineer, Thiokol Chemical Corp., Huntsville, Ala. Mail: 2023 D Franklin St., S.E., Huntsville, Ala.

McCauliff, Eugene, Dr. (F-1946) Glyco Prods. Co. Inc., Empire State Bldg., New York 1, N. Y.

McClain, George L. (F-1951) Tech. Supervisor, Aluminum Co. of America, Closure Div., Richmond, Ind. Mail: 116 E. Plum St., Centerville, Ind.

McCleary, Harold R., Dr. (F-1946) Director, Res. Service Dept., American Cyanamid Co., Bound Brook, N. J. Mail: 121 Meadowbrook Dr., North Plainfield, N. J.

McCllellan, Paul P., Dr. (F-1935) Jefferson Chemical Co., Inc., P.O. Box 303, Houston, Texas.

McClure, Harry B., Dr. (Hon-1931) Vice President, Union Carbide Corp., 30 E. 42nd St., New York 17, N. Y.

McCord, Andrew T. (F-1942) Director

of Research, Carborundum Metals Co., P.O. Box 32, Akron, N. Y.

McCoy, Charles R. (A-1956) 641 Hinman, Evanston, Ill.

McCoy, Frederic C. (F-1946) Staff Chemist, Texaco Research Center, Beacon, N. Y. Mail: 48 W. Willow St., Beacon, N. Y.

McCrackan, Robert F. (EF-1937) 41 Mill Rd., Spartanburg, S. C.

McCullough, Kenneth V. (F-1936) Ass't. Director of Development, The Bakelite Co., Bound Brook, N. J. Mail: 775 Woodland Ave., Plainfield, N. J.

McCutcheon, George F., Jr. (M-1957) Director of Quality Control, S. B. Penick & Co., Lyndhurst, N. J. Mail: 26 Garside Pl: Clark, N. J.

McCutcheon, John W. (F-1952) President, John W. McCutcheon, Inc., 475 Fifth Ave., New York 17, N. Y.

McDonnell, John N., Dr. (F-1937) Vice President, Schering Corp., Bloomfield, N. J. Mail: 1352 Lindsay Lane, Meadowbrook, Pa.

McDonough, Everett G., Dr. (F-1947) Executive Vice Preside t, Evans Research & Development Corp., 250 East 43rd St., New York 17, N. Y.

McDonough, Vincent F. (M-1953) General Electric Co., Cleveland 10, Ohio. Mail: 2226 Lorimer Rd., Cleveland 29, Ohio.

McDowell, Robin S. (A-1956) P.O. Box 152, Churchville, Pa.

McElhinney, Thomas R. (F-1948) Valite Corp., New Orleans, La., Mail: P.O. Box 3207, Bywater Station, New Orleans 17, La.

McElroy, W. R., Dr. (F-1948) Processs Development, Mobay Chemical Co., New Martinsville, W. Va.

McEwen, Robert L. (F-1951) Assistant Dir., Central Dev., Chemical Div., Food Machinery & Chemical Corp., 161 E. 42nd St., New York 17, N. Y.

McFadden, Robert S. (F-1946) Firestone Tire & Rubber Co., Akron 17, Ohio. Mail: 422 Selden Ave., Akron 19, Ohio.

McFarlane, Samuel B. (F-1954) Manager Fiber Research, Celanese Corporation of America, Summit, N. J. Mail: 11 Twombly Drive, Summit, N. J.

McGavock, William C., Dr. (F-1948) Prof. of Chem., Trinity University, San Antonio 1, Texas. Mail: 1702 Waverly Ave., San Antonio 1, Tex.

McGonigal, Paul J. (A-1956) 5544 Greenway Ave., Philadelphia 43, Pa.

McGrath, Francis P. (A-1935) Executive Secretary, Pharmacology & Experimental Therapeutics Study Sec., National Institutes of Health, Bethesda 14, Md. Mail: 1806 Alcan Dr., Silver Spring, Md.

McGrath, Joseph S. C.S.C. (Rev.), Dr. (F-1944) Assistant to the President, University of Portland, Portland 3, Ore.

McHenry, Robert J. (A-1956) 4935 E. 59th Pl., Apt. A., Maywood, Calif.

McIlvain, John M. (F-1940) European Representative, The Atlantic Refining Co., Res. & Dev. Dept., Philadelphia 1, Pa. Mail: Hamburg 1, Spaldingstr 64, Germany.

McIntire, William C. (F-1940) Process Evaluation Engineer, American Cyanamid Co., Eng. & Construction Div., New York, N. Y. Mail: Highway 69, R.D. 1, Lebanon, N. J.

McIntosh William J. (F-1952) Vice President, Haeuser Shellac Co., Inc., Brooklyn 1, N. Y. Mail: 865 Central Ave., Rahway, N. J.

McIntyre, Frank J. (M-1947) Chemist & Bacteriologist, Columbus Water & Chemical Testing Lab., 4628 Indianola Ave., Columbus 14, Ohio.

McKay, E. David (F-1958) Assistant Research Director, Southern Chemical Cotton Co., Chattanooga, Tenn. Mail: Route 3, Chattanooga, Tenn.

McKean, Walter A. (F-1947) Allied Asphalt & Mineral Corp., Dunellen, N. J. Mail: Meredith Rd., R.D. 2, Rahway, N. J.

McKeen, John E., Dr. (Hon-1940) President, Chas. Pfizer & Co., Inc., 11 Bartlett St., Brooklyn 6, N. Y.

McKenna, Thomas A., Jr. (F-1956) Chief Chemist, The Firestone Tire & Rubber Co., P.O. Box 1786, Orange, Texas.

McKinney, Paul V., Dr. (F-1948) Manager Tile Res., Armstrong Cork Co., Res. & Dev. Center, Lancaster, Pa.

McLachlan, Robert W., Dr. (F-1937) Assoc. Prof. of Chem., N. J. State Teachers College, Upper Montclair, N. J.

McLamore, Elise K., Dr. (M-1955) Senior Chemist, Revlon, Inc., Bronx 51, N. Y. Mail: 64-19A, 186 Lane, Flushing 65, N. Y.

McLaren, James, Dr. (F-1947) Chemist, Union Carbide Nuclear Co.,

P.O. Box P, Oak Ridge, Tenn.

McLoud, Elbert S. (F-1953) Basic Research Director, S. C. Johnson & Son, Inc., 1525 Howe St., Racine, Wis.

McMaster, Wardley D. (F-1955) Ass't Head, Chemistry Dept., Research Staff, General Motors, Detroit 2, Mich. Mail: 17531 Cornell Rd., Detroit 35, Mich.

McNeary, W. Wilson, Dr. (F-1956) Associate, Charlotte Chemical Labs., Inc., Charlotte, N. C. Mail: Lumberville, Pa.

McNelis, Edward J. (A-1953) 1760 E. 8th St., Brooklyn 23, N. Y.

McNutt, William P. (F-1958) Chemist, Materials Lab., RDL, Redstone Arsenal, Ala. Mail: 1404 Owens Dr., S.E., Huntsville, Ala.

McWaters, Lynn S. (A-1944) Owner, McWalters Marine Lab., 7117 Avenue N, Houston 11, Texas.

Mead, Morris W., Dr. (F-1945) Director of Labs., National Yeast Corp., Belleville, N. J. Mail: 19 Barnett St., Bloomfield, N. J.

Meade, George P., Dr. (F-1936) Pontchartrain Hotel, New Orleans 12, La.

Meadows, Lenore F. (A-1949) Graduate Student, Columbia University, New York 27, N. Y.

Mears, Brainerd, Dr. (F-1941) Professor, retired, Williams College, Williamstown, Mass. Mail: 71 South St., Williamstown, Mass.

Meeker, James E. (A-1952) Chemist, General, USPHS Robert A. Taft Sanitary Eng. Cent., Cincinnati 19, Ohio. Mail: 231 Oak St., Cincinnati 19, Ohio.

Meeker, Thrygve R., Dr. (A-1951) Member Technical Staff, Bell Telephone Labs., Whippany, N. J. Mail: 16 Hanover Ave., Whippany, N. J.

Megson, Frederic H., Dr. (M-1947) Research Chemist, American Cyanamid Co., Bound Brook, N. J.

Mehurin, Roger M., Dr. (F-1927) Bureau of Animal Industry, U.S. D.A., Washington, D. C. Mail: 2119 H St., N.W., Washington 7, D. C.

Mei, Yi-Chi (A-1955) Graduate Student, University of Michigan, Ann Arbor, Mich.

Meier, Frank A. (F-1937) Chief Chemist, American Platinum Works, 225 N. J. Railroad Ave., Newark 5, N. J.

Meiklejohn, Roy M. (F-1923) Director of Pacific Coast Operations, General Chemical Div., Allied Chemical & Dye Corp., 235 Montgomery St., San Francisco 4, Calif.

Meints, Ralph E., Dr. (F-1954) Partner & Project Engr., Vern E. Alden Co., Engineers, 33 N. LaSalle, Chicago 2, Ill.

Meister, Heinrich, Dr. (F-1932) Chief of Chemical Control, Wallerstein Co., Inc., Staten Island 3, N. Y. Mail: 71 Westminster Court, Staten Island 4, N. Y.

Meiter, Edward G., Dr. (F-1938) Director, Industrial Hygiene Div., Employers Mutual Liability Insurance Co. of Wis., 6620 West Capitol Drive, Milwaukee 16, Wis.

Melaccio, Frank (M-1941) Chemical Engineer, Fratelli Branca & Co., Inc., New York 13, N. Y. Mail: 477 Bell St., West Hempstead, N. Y.

Melius, Paul, Dr. (A-1950) Assoc. Prof. Alabama Polytechnic Institute, Dept. of Chemistry, Auburn, Ala.

Mellan, Ibert (F-1929) Senior Res. Chemist, Polychrome Corp., Yonkers 2, N. Y. Mail: 21-30 202nd St., Bayside 60, N. Y.

Mellecker, John B. (F-1955) Editor, Chemical Engineering Progress, American Institute of Chemical Engineers, New York 36, N. Y. Mail: Benedict Hill Rd., New Canaan, Conn.

Mencher, Hymen (F-1953) Chief Chemist, Extrin Foods, Inc., New York 7, N. Y. Mail: 1020 Boynton Ave., Bronx 72, N. Y.

Menke, W. Kenneth (F-1950) Vice President, Chemical Divisions, Pittsburgh Coke & Chemical Co., Grant Bldg., Pittsburgh 19, Pa.

Menolasino, Nicholas J., Dr. (F-1954) Menolasino Labs., 1313 N. 14th Ave., Melrose Park, Ill.

Meredith, George B. (F-1950) Director of Production, Nitrogen Div., Allied Chemical & Dye Corp., 40 Rector St., New York 6, N. Y.

Merkle, George E. (F-1923) President, Fiske Bros. Refining Co., Newark, N. J. Mail: 418 Ridgewood Ave., Glen Ridge, N. J.

Merle, James F. (A-1955) Chemical Engineer, Foster D. Snell, Inc., 29 W. 15th St., New York 11, N. Y.

Merscher, John H. (F-1949) Asst. Tech. Service Mgr., S. C. Johnson & Son, Inc., Racine, Wis. Mail: 3333 Osborne Blvd., Racine, Wis.

Mervine, Charles K., 3rd, Dr. (A-1952) Chief Resident Physician, Montgomery Hospital, Norristown, Pa. Mail: 231 Buckingham Pl., Philadelphia 4, Pa.

Merz, Albert R., Dr. (EF-1925) 5116 Chevy Chase Parkway, Washington 8, D. C.

Merz, August, Dr. (F-1932) Consultant, Organic Chemicals Div., American Cyanamid Co., Bound Brook, N. J. Mail: 333 S. Harrison St., East Orange, N. J.

Merzbacher, Aaron (EF-1929) Henry Disston & Sons, Inc., Philadelphia 35, Pa. Mail: 6942 Tulip St., Tacony, Philadelphia 35, Pa.

Merzbacher, Claude F. (F-1947) San Diego State College, San Diego 15, Calif. Mail: 5716 Hardy Ave., San Diego 15, Calif.

Mesrobian, Robert B., Dr. (M-1947) Assoc. Dir. Res. High Polymer Chemistry, Continental Can Co., Central Res. & Dev. Div., 7622 S. Racine, Chicago 20, Ill.

Meuly, Walter C., Dr. (F-1948) Research Assocate, E. I. du Pont de Nemours & Co., Wilmington, Del.

Meyer, Erich, Dr. (F-1946) Vice President, L. Sonneborn Sons, Inc., New York 10, N. Y. Mail: 269 Walton Ave., South Orange, N. J.

Meyer, Jane Dick, Dr. (F-1951) Literature Research with Dr. E. Emmet Reid, Baltimore 18, Md. Mail: 413 W. Third St., Greensburg, Pa.

Michaels, Alan Sherman, Dr. (M-1950) Assoc. Prof. Chem. Eng., Massachusetts Institute of Technology, Cambridge, Mass. Mail: 30 Preston Rd., Lexington, Mass.

Micka, Jan, Dr. (F-1953) Director of Research, United Biscuit Co. of America, Melrose Park, Ill. Mail: 2408 Oak Park Ave., Berwyn, Ill.

Mihm, Clifford H. (F-1948) Supervisor Spectro Lab., Phillips Chemical Co., Philtex Plt., Box 968, Phillips, Texas.

Mileti, Otto J. (F-1942) President, The Mileti Co., Inc., 1401 S. 15th St., Louisville 10, Ky.

Miller, Barry (A-1955) Fellow in Chemistry, Massachusetts Institute of Technology, Cambridge 39, Mass. Mail: 109-B Graduate House, Cambridge 39, Mass.

Miller, Clarke C. (F-1948) Information Coordinator, Standard Oil Co., (Ind.), Whiting, Ind. Mail: 2143 Stanton Ave., Whiting, Ind.

Miller, Clem O., Dr. (F-1958) Executive Secretary, Div. Chemistry & Chemical Technology, National Academy of Sciences-National Research Council, Washington 25, D. C. Mail: 6 Nicholson Rd., Falls Church, Va.

Miller, Glennard E. (F-1951) Staff Assistant - Personnel, The Fleischmann Labs., Standard Brands, Inc., Betts Ave., Stamford, Conn.

Miller, Isador (F-1932) Wm. M. Grosvenor Labs., New York 17, N. Y. Mail: 211 W. 106th St., New York 25, N. Y.

Miller, John F. (M-1951) The Borden Co., Chemical Div., Seattle 8, Wash. Mail: 6535 South L St., Tacoma, Wash.

Miller, Lawrence P., Dr. (F-1940) Biochemist, Boyce Thompson Institute for Plant Research, Inc., 1086 N. Broadway, Yonkers 3, N. Y.

Miller, Mary L., Dr. (F-1949) Research Assoc., American Cyanamid Co., Stamford, Conn. Mail: 215 E. 79th St., Apt. 4D, New York 21, N. Y.

Miller, Richard A., Dr. (A-1953) Senior Chemist, Minnesota Mining & Mfg. Co., St. Paul, Minn. Mail: 1172 E. Maryland Ave., St. Paul 6, Minn.

Miller, Robert C. (F-1950) Development, Monsanto Chemical Co., St. Louis, Mo. Mail: 879 Providence Ave., Webster Groves 19, Mo.

Miller, Royal (F-1956) Illinois Farm Supply Co., Chicago 11, Ill. Mail: 135 N. Brainard St., Naperville, Ill.

Miller, Sidney E., Dr. (M-1936) Section Leader, Steroid Res., General Mills, Inc., Minneapolis 13, Minn. Mail: 2300 Doswell Ave., St. Paul 8, Minn.

Miller, Wilmer G. (A-1954) Dept. of Chemistry, University of Wisconsin, Madison 6, Wis.

Milligan, Barton, Dr. (A-1951) Associate Professor of Chemistry, The University of Mississippi, University, Miss.

Milligan, W. O., Dr. (F-1940) Dept. of Chemistry, Rice Institute, Box 1892, Houston 1, Texas.

Milne, David T., Dr. (F-1940)) Licensee Consultant, Res. & Dev., American Viscose Corp., Philadelphia 3, Pa. Mail: In Europe: Hanzeweg 40, Deventer, Holland. In U.S.A.:

P.O. Box 298, Fredericksburg, Va.

Miner, Robert S., Jr., Dr. (F-1957) Manufacturing Chemist, Ciba Pharmaceutical Products, Inc. Mail: Hegenheimerstrasse 9, Basel, Switzerland.

Minrath, William R. (F-1929) D. Van Nostrand Co., Inc., New York 3, N. Y. Mail: R.R. 1, Box 24, Pennington, N. J.

Miron, Simon, Dr. (F-1944) Research Associate, American Oil Co., P.O. Box 401, Texas City, Tex.

Miskel, John J. (F-1942) Director, Pharmaceutical Production & Packaging, Chas. Pfizer & Co., Brooklyn, N. Y. Mail: 9430 Ridge Blvd., Brooklyn 9, N. Y.

Mizell, Louis R. (F-1953) Lab. Manager, Harris Research Labs., Inc., 1246 Taylor St., N.W., Washington 11, D. C.

Modjeska, R. Scott (F-1950) Director - Consultant, Scientific Control Labs., Inc., 3136 S. Kolin Ave., Chicago 23, Ill.

Moesel, F. Charles, Dr. (F-1939) Project Engineer, Div. of Reactor Dev., U.S. Atomic Energy Commission, Washington 25, D. C. Mail: 4301 Massachusetts Ave., N.W., Washington 16, D. C.

Mohr, Charles M. (A-1955) Student, Massachusetts Institute of Technology, Cambridge, Mass. Mail: 319 Beacon St., Boston 16, Mass.

Moller, Christopher J. (A-1956) University of South Dakota, Vermillon, S. Dak. Mail: Baltic, S. Dak.

Molnar, Nicholas M. (F-1936) President, Fine Organics, Inc., Director, Molnar Laboratories, 211 East 19th St., New York 3, N. Y.

Monks, James W. (F-1943) President, Poughkeepsie Dyestuff Corp., Poughkeepsie, N. Y. Mail: Box 92, Poughkeepsie, N. Y.

Monroe, Clarence J., Dr. (F-1936) Consultant, 225 West 7th St., Long Beach 13, Calif.

Monte-Bovi, Anthony J. (M-1944) Prof. Pharmacy & Chem., St. John's University, Brooklyn, N. Y. Mail: 35-50 159th St., Flushing 58, N. Y.

Montgomery, Jack P., Dr. (L-1923) Prof. Emeritus of Organic Chem., The University of Alabama, University, Ala. Mail: 1918 9th St., Tuscaloosa, Ala.

Moon, Sung (A-1956) Graduate Student, Massachusetts Institute of Technology, Cambridge 39, Mass.

Moore, Donald R. (A-1954) 50 Circle Pl., Camp Hill, Pa.

Moore, Howard R., Dr. (F-1938) Head, Materials & Processes Branch, U.S.N. Air Development Center, Johnsville, Pa. Mail: 200 W. Montgomery Ave., Hatboro, Pa.

Moore, John C. (F-1944) National Paint, Varnish & Lacquer Assoc., Inc., Washington 5, D. C. Mail: 6306 Winston Dr., Bethesda, Md.

Moore, L. Patrick, Dr. (F-1935) Asst. General Manager, Plastics & Resins Div., American Cyanamid Co., 30 Rockefeller Plaza, New York 20, N. Y.

Moore, Maurice L., Dr. (F-1936) Vice President for Res., Vick Chemical Co., 122 East 42nd St., New York 17, N. Y.

Moore, Richard L. (F-1950) Chemical Public Relations, W. R. Grace & Co., 3 Hanover Sq., New York 5, N. Y.

Moran, Juliette M. (F-1957) Supervisor, Tech. Service, General Aniline & Film Corp., New York 14, N. Y. Mail: 415 West 118th St., New York 27, N. Y.

Moreau, Fernand, Jr., (A-1943) Hydrocarbon Res. Inc., New York 6, N. Y. Mail: 46 Downing St., East Williston, N. Y.

Morgan, Clarence R., Dr. (F-1952) Arthur D. Little, Inc., 30 Memorial Dr., Cambridge 42, Mass.

Morgan, Coleman P. (F-1943) Pelmor Labs., Newtown, Pa. Mail: Box 271, Richboro, Pa.

Morgan, D. P., Dr. (F-1928) Consultant, 340 E. 72nd St., New York 21, N. Y.

Morgan, Oliver M., Dr. (F-1944) Director, Chemical Sales, National Aniline Div., Allied Chemical & Dye Corp., 40 Rector St., New York 6, N. Y.

Morgan, Sister M. Sylvia, Dr. (F-1957) Dir. of Chemistry & other Sciences, Maywood College, Scranton 9, Pa.

Morrell, Jacque C., Col., Dr. (F-1935) 8 Oxford St., Chevy Chase, Md.

Morris, V. N., Dr. (F-1935) Exec. Secy., Intercompany Research Council, Johnson and Johnson, New Brunswick, N. J.

Morrisoe, John (F-1953) Pilot California Co., 215 W. 7th St., Los Angeles 14, Calif.

Morse, Lewis D. (A-1952) 712 Crown St., Brooklyn 13, N. Y.

Morse, Roy E., Dr. (F-1952) Professor of Food Technology, Rutgers University, New Brunswick, N. J.

Morton, Avery A., Dr. (F-1950) Chemistry Dept., Massachusetts Institute of Technology, Cambridge 39, Mass.

Moskowitz, Albert, Dr. (A-1950) Research Fellow, Harvard University, Cambridge 38, Mass.

Moser, Charles E., Dr. (F-1954) Assistant Manager, Res. Div., The Texas Co., Beacon, N. Y. Mail: Wellesley Pl., Fishkill, N. Y.

Moser, Frank H., Dr. (F-1937) Div. Mgr. for Phthalocyanines, Iron Blues & Intermediates; Chairman, Res. & Dev. Committee, Standard Ultramarine & Color Co., Box 2166, Huntington, W. Va.

Moshy, Raymond J., Dr. (F-1957) Project Leader, General Foods Corp., Tarrytown, N. Y. Mail: 50 Devries Ave., N. Tarrytown, N. Y.

Moss, Herbert I. (A-1953) Graduate Student, Indiana University, Bloomington, Ind.

Moss, M. L., Dr. (F-1949) Asst. Chief, Anal. Chem. Div., Aluminum Co. of America, Alcoa Research Labs., New Kensington, Pa. Mail: 52 Crystal Dr., Oakmont, Pa.

Mostello, Anthony J. (F-1940) Dev. Chemist, Bakelite Co., Div. Union Carbide Corp., Bound Brook, N. J.

Moulton, J. Donald (F-1940) Chief Chemist, Storage Battery Div., Thomas A. Edison Industries, McGraw-Edison Co., West Orange, N. J.

Mountsier, Silas R., Jr. (F-1948) Mgr. Tech. Service, Whittaker Clark & Daniels, Inc., New York 13, N. Y. Mail: Whittaker Clark & Daniels Lab., Jacobus Ave., S., Kearny, N. J.

Moynihan, Robert Edward, Dr. (A-1950) Chemist, E. I. du Pont de Nemours & Co., Inc., Experimental Station, Wilmington, Del.

Muder, Richard E. (F-1940) Mgr., By-Product Branch, Koppers Co., Inc., Box 128, Verona, Pa.

Mueller, Arthur S. (F-1943) 110 Midland Blvd., Maplewood, N. J.

Mueller, Helmut S. (M-1951) Product Manager, Keuffel & Esser Co., Hoboken, N. J. Mail: 40 E. Columbia Ave., Palisades Park, N. J.

Muenzen, Jos. B., S J. (Rev.), Dr. (F-1949) Assoc. Prof. Chem., Canisius College, 2001 Main St., Buffalo 8, N. Y.

Mulich, Stephen F., Jr. (A-1957) Hq. Hq. Det., U.S.A.O.A., Redstone, Huntsville, Ala.

Mullen, James W. II, Dr. (F-1949) President, Experiment Inc., Richmond 2, Va. Mail: P.O. Box 1-T, Richmond 2, Va.

Muller, Julius F., Dr. (F-1940) General Manager, Prescription Products Div., The Borden Co., 350 Madison Ave., New York 17, N. Y.

Mulqueen, Michael P. (F-1947) James A. Jones Products, Inc., Walden, N. Y. Mail: 143 Walnut St., Walden, N. Y.

Mumford, Russel W. (F-1954) Consulting Engineer, 1631 Capistrano Ave., Glendale 8, Calif.

Munger, Charles G. (M-1944) Vice President, Res. & Mfg., Amercoat Corp., South Gate, Calif. Mail: 6324 N. Willard Ave., San Gabriel, Calif.

Munro, Wendell P., Dr. (F-1934) Mgr., Process Dev. Dept., American Cyanamid Co., Bound Brook, N. J. Mail: Washington Valley Rd., Martinsville, N. J.

Murphy, Paul, J., Jr. (M-1955) Chemist, Southern Reg. Res. Lab., New Orleans 19, La. Mail: 6624 Virgilian St., New Orleans 22, La.

Murphy, Walter J., Dr. (Hon-1934) Editorial Director, American Chemical Society Applied Journals, and Director, A.C.S. News Service, 1155 16th St., N.W., Washington 6, D. C.

Murray, Jerome E. (M-1957) Process Engineer, Turco Products, Inc., Los Angeles, Calif. Mail: 3813 W. 106th St., Inglewood, Calif.

Murray, Robert Lindley (Hon-1950) President, Hooker Electrochemical Co., Niagara Falls, N. Y.

Muskat, Irving E., Dr. (F-1937) President, Elkin Chemical Co., Inc., South Miami, Fla. Mail: 4975 N. Kendall Dr., Miami 56, Fla.

Mutersbaugh, Gordon H. (F-1936) General Supt., The Glidden Co., Cleveland, Ohio. Mail: 20 Manning Dr., Berea, Ohio.

Myers, Albert E., Dr. (F-1950) Staff Engineer, Shell Oil Co., 50 W. 50th St., New York 20, N. Y.

Mytelka, Morris (F-1953) 33-37 166th St., Flushing 58, N. Y.

Nadalin, Robert J., Dr. (F-1957) Radio Corp. of America, Marion,

Ind. Mail: 804 Oxford Dr., Marion, Ind.

Naimark, George M., Dr. (F-1956) Assistant to Med. Res. Dir., White Labs., Inc., Kenilworth, N. J. Mail: 87 Canoe Brook Parkway, Summit, N. J.

Nair, John H. (F-1949) Consultant, 9 Dunnder Dr., Summit, N. J.

Nair, John H., III (F-1951) Industrial Fellow, Mellon Institute, 4400 Fifth Ave., Pittsburgh 13, Pa.

Namm, Edward (F-1946) Mgr. of Res. Lab., F. H. Levey Co., Inc., Brooklyn 32, N. Y. Mail: 2016 Avenue N, Brooklyn 10, N. Y.

Nanz, Robert A. (F-1947) President, Florida Chemists & Engineers, Inc., 1709 N. Mills St., Orlando, Fla.

Nash, Nathan H. (F-1948) Tech. Director, Lanco Products, Inc., 601 W. 26th St., New York 1, N. Y.

Nee, John W. (F-1942) Vice-President, Briner Paint Mfg. Co. Inc., 3713 Agnes St., Corpus Christi, Tex.

Neidig, Charles P. (F-1946) Partner, White, Weld & Co., Philadelphia, Pa. Mail: Buttonwood Rd., Berwyn, Pa.

Neifert, Ira E., Dr. (F-1956) Chairman, Dept. of Chem., Knox College, Galesburg, Ill. Mail: 755 N. Kellogg St., Galesburg, Ill.

Neill, William J. (F-1944) Columbus Metal Prods., Co., Inc., Columbus 8, Ohio. Mail: 3041 Bremen St., Columbus 3, Ohio.

Nelson, Alfred C., Dr. (F-1938) Dean, Community College, University of Colorado, Denver 2, Colo. Mail: 1021 S. Clayton Way, Denver 9, Colo.

Nelson, K. LeRoi, Dr. (F-1957) Assoc. Prof., Brigham Young University, Provo, Utah.

Nelson, Raymond A. (F-1957) Analytical Chemist, A. & T. T. Lab., Internal Revenue Service, Washington 25, D. C.

Nelson, Richard (Brother) (A-1955) La Salle Academy, 612 Academy Ave., Providence, R. I.

Nelson, Walter K., Dr. (F-1931) Supervisor, Pigment & Chemical Dept., National Lead Co., Titanium Div., Research Lab., South Amboy, N. J. Mail: 155 Maple Ave., Metuchen, N. J.

Nesty, Glenn A., Dr., (F-1952) Vice President, Allied Chemical & Dye Corp., New York, N. Y. Mail: 6 Cromwell Dr., Morristown, N. J.

Neuberg, William D. (F-1947) President, William D. Neuberg Co., Inc., 420 Lexington Ave., New York 17, N. Y.

Neuman, Robert K. (F-1954) American Chemical Society News Service, New York 16, N. Y. Mail: 129 Oak Lane, Cranford, N. J.

Neumeier, Franz M., Dr. (F-1947) Director of Research, McKesson & Robbins Labs., Bridgeport 9, Conn.

Neustadt, Benjamin N. (F-1957) President, Permastay Products Corp., Niagara Falls, N. Y. Mail: Box 26, Niagara Falls, N. Y.

Neustel, Benjamin C., Dr. (F-1950) Instructor, Chemistry Dept., Gonzaga University, Spokane, Wash. Mail: N. 9704 Wall St., Spokane 53, Wash.

Neville, Harvey A., Dr. (F-1943) Vice President & Provost, Director, Institute of Research, Lehigh University, Bethlehem, Pa.

Newberg, Raymond G. (F-1954) Assistant Director of Res., National Distillers & Chemical Co., Research Dept., 1275 Section Road, Cincinnati, Ohio.

Newby, Frank A., Jr. (A-1954) Graduate Student; Teaching Assistant, Chemistry Dept., University of Kansas, Lawrence, Kan.

Newman, Kenneth W., Dr. (F-1949) Chief Process Engineer, Turco Products Inc., 6135 So. Central Ave., Los Angeles, Calif.

Newman, Pauline, Dr. (F-1954) Patent Agent, Food Machinery & Chemical Corp., New York 17, N. Y. Mail: 95 Christopher St., New York 14, N. Y.

Newton, Harry P. (F-1936) Retired, A.R.S., - U.S.D.A., Mail: P.O. Box 526, De Bary, Fla.

Newton, Roy Chester, Dr. (Hon-1944) Vice-President, Swift & .Co, Union Stock Yards, Chicago 9, Ill.

Newton, W. F. (F-1950) Director of Sales, Columbia-Southern Chemical Corp., 1 Gateway Center, Pittsburgh 22, Pa.

Nichols, M. Starr, Dr. (F-1923) Ass't. Director, State Lab. of Hygiene, University of Wisconsin, 437 Henry Mall, Madison 6, Wis.

Nickels, J. E., Dr. (F-1954) Supervisor, Organic Research Div., Richfield Oil Corp., 1900 Crescent Ave., Anaheim, Calif.

Nishimura, Masao (F-1954) Chemist, The Griffith Labs., Inc., Chicago 9, Ill. Mail: 914 W. Gunnison St., Chicago 40, Ill.

Nissley, William J. (M-1945) Research Chemist, Diamond Black Leaf Co., Richmond, Va. Mail: 7204 Vernon Rd., Richmond 28, Va.

Noble, Max V., Dr. (F-1949) E. I. du Pont de Nemours & Co., Station B., Buffalo, N. Y. Mail: 109 S. Ellicott St., Williamsville 21, N. Y.

Noble, Wilfred McNeill (F-1948) Plant Specialist, Los Angeles County Air Pollution Control District, Los Angeles, Calif. Mail: 3945 Oakdale Ave., Pasadena 10, Calif.

Nonamaker, Frederick C. (F-1927) Chief Chemist, Davison Chemical Co., Rare Earths & Thorium, Pompton Plains, N. J. Mail: 615 N. Brown St., Gloucester City, N. J.

Noone, Joseph A. (F-1951) Technical Advisor, National Agricultural Chemicals Association, 1145 19th St., N. W., Washington 6, D. C.

Norman, Daniel P., Dr. (F-1947) Director of Res., New England Laboratories, Inc., Ipswich, Mass.

Norris, T. O., Dr. (F-1957) Assistant to Research Director, Keuffel & Esser Co., Hoboken, N. J. Mail: Mail: 729 South St., Elizabeth, N. J.

Northey, Elmore H., Dr. (L-1932) Retired, 310 Hycliff Terr., Stamford, Conn.

Norton, Charles J., Dr. (A-1951) Res. Chemist, Ohio Oil Co., P.O. 269, Littleton, Colo.

Novak, Izador J. (F-1937) Dir. Advanced Dev., Raybestos Div. of Raybestos Manhattan, Stratford, Conn. Mail: Box 1021, Bridgeport 2, Conn.

Nunziata, Gennaro P. (F-1946) S. B. Penick & Co., 50 Church St., New York, N. Y. Mail: 614 Lorimer St., Brooklyn 11, N. Y.

Nydick, Abraham J. (F-1938) Patent Attorney, 92 Liberty St., New York 6, N. Y.

Nyman, Frederick R. (M-1958) Physical Chemist, U.S.A. Ballistic Missile Agency, Huntsville, Ala. Mail: Apt. C-10, 5th Ave., Athens, Ala.

Oberfell, George G., Dr. (F-1947) Consultant, P.O. Box 110, Bartlesville, Okla.

O'Boyle, Charles J., Dr. (F-1948) R.D. #1, Box 203-B, Boothwyn, Pa.

O'Brien, William B. (EF-1937) Director of Chemical Res., Dodge Chemical Co., 1611 Cambridge St., Cambridge, Mass.

O'Connell, John J., III (F-1942) Vice President, Marketing, Amoco Chemicals Corp., 910 South Michigan Ave., Chicago 80, Ill.

O'Connor, Edward S. (A-1952) Pfister Chemical Co., Ridgefield, N. J. Mail: 523 1st St., Palisades Park, N. J.

O'Connor, John J. (M-1954) Group Leader Chemist, Keuffel & Esser Co., Hoboken, N. J. Mail: 1217 16th St., Fort Lee, N. J.

Odeen, Henry (F-1953) Partner, H. Odeen Co., 506 Cherry Rd., Memphis 17, Tenn.

Odell, Loren B. (M-1944) President, James Bute Co., Houston, Texas. Mail: 416 Crestwood Dr., Houston 7, Tex.

Oehlberg, Nicholas P. (F-1947) Senior Res. Chemist, Ekco Products Co., 1949 N. Cicero, Chicago 39, Ill.

Ofner, Alfred, Dr. (F-1950) Director of Tech. Dev., Hoffmann La-Roche, Inc., Nutley 10, N. J. Mail: 147 Christopher St., Montclair, N. J.

Ogilvie, James (F-1943) Supervisor, Research Dept., National Aniline Div., Allied Chemical & Dye Corp., Buffalo, N. Y. Mail: 715 Delaware Ave., Buffalo 9, N. Y.

Oglesby, George R., Col. USA-Ret. (F-1948) Asst. to the Manager, Westinghouse Plant Apparatus Dept., Pittsburgh, Pa. Mail: 4511 W. Lawnview Dr., Pittsburgh 27, Pa.

Oita, Katashi, Dr. (M-1956) Asst. Project Chemist, Standard Oil Co., (Ind.), Box 431, Whiting, Ind.

O'Leary, John J. (F-1948) Asst. to Plant Manager, American Cyanamid Co., Box 10008, Jefferson Br., New Orleans 21, La.

Oliensis, G. L. (F-1945) Director of Research, Lloyd A. Fry Roofing Co., 5818 Archer Rd., Summit, Ill.

Oliver, Ralph R. (F-1951) Micro Chemist, Retired, 275 Genesee St., Lockport, N. Y.

Olivier, Kenneth L., Dr. (A-1954) Res. Chemist, E. I. du Pont de Nemours & Co., Wilmington, Del.

Olmer, Francois J., Dr. (F-1955) Senior Scientist, Armour Research Foundation, Chicago, Ill.

Olmon, Lawrence (F-1947) Research Chemist, Oakite Products, Inc., 19 Rector St., New York 6, N. Y.

Olson Harold M. (F-1941) Res. Chemist, The Harshaw Chemical Co., Cleveland 6, Ohio. Mail: 295 Atterbury Blvd., Hudson, Ohio.

Olson, Joseph O. (F-1947) Manager, American Exterminating Co., Inc., Philadelphia, Pa. Mail 1003 Township Line Rd., Jenkintown, Pa.

Olson, Stanley W. (M-1957) Res. Chemist, The Toni Co., 332 Rosabel St., St. Paul 1, Minn.

Omohundro, Allen L., Dr. (F-1936) McKesson & Robbins, Inc., Bridgeport, Conn.

O'Neil, James R. (A-1956) 5751 Aylesboro Ave., Pittsburgh 17, Pa.

O'Neil, Thomas M., Jr. (F-1946) General Mgr., Sales, Petroleum Chemicals, Inc., 821 Gravier St., New Orleans 12, La.

Opolonick, Nicholas (F-1929) Chemist, N. Y. State Racing Commission Lab., Jamaica 35, N. Y. 200-20 34 Ave., Bayside 61, N. Y.

Oppel, Edwin I. (F-1948) Dir. of Res. Fantus Area Research, Inc., New York 1, N. Y. Mail: 19 Patton Pl., Upper Montclair, N. J.

Orelup, John Wesley (F-1928) President, Patent Chemicals, Inc., 335 McLean Blvd., Paterson 4, N. J.

Orem, H. Philip (F-1957) Research, U.S. Pipe & Foundry Co., Birmingham, Ala. Mail: 504 - 19th Ave. S., Birmingham 5, Ala.

Orlando, Anthony J. (F-1944) Orlando Research Labs., 369 - 9th St., Brooklyn 15, N. Y.

Orlando, Vincent E. (A-1951) 715 Ocean Parkway, Brooklyn, N. Y.

Oroshnik, William, Dr. (F-1951) Ortho Research Foundation, Raritan, N. J. Mail: 1136 Dorsey Pl., Plainfield, N. J.

Orttung, William H. (A-1956) 2428 Channing Way, Berkeley 4, Calif.

Oser, Bernard L., Dr. (F-1929) Director, Food & Drug Research Laboratories, Inc., Maurice Ave., at 58th St., Maspeth 78, N. Y. C.

Oser, Mona (F-1930) Assistant to the Director, Food & Drug Research Labs., Inc., Maurice Ave. at 58th St., Maspeth 78, New York City

Osol, Arthur, Dr. (F-1937) Director, School of Chemistry, Philadelphia College of Pharmacy & Science, 43rd & Kingsessing Ave., Philadelphia 4, Pa.

Osterhof, Gerard G., Dr. (F-1952) Prof. & Head, Dept. of Chem., South Dakota School of Mines & Technology, Rapid City, S. Dak.

Othmer, Donald F., Dr. (F-1943) Professor of Chemical Engineering, Head of the Dept., Polytechnic Institute of Brooklyn, 99 Livingston St., Brooklyn 1, N. Y.

Ott, Emil, Dr. (F-1944) Vice President & Director, Central Research Chemical Div., Food Machinery & Chemical Corp., Box 8, Princeton, N. J.

Outterson, Charles Renwick (F-1953) Director, Technical Div., Albemarle Paper Mfg. Co., Richmond, Va. Mail: 1007 Forest Ave., Richmond, Va.

Overberger, Charles G., Dr. (F-1953) Professor, Organic Chemistry, Head, Department of Chemistry, Polytechnic Institute of Brooklyn, 85 Livingston St., Brooklyn 1, N. Y.

Owens, Frederick H. (A-1953) 606 W. Ohio St., Urbana, Ill.

Oyler, James R., Dr. (M-1946) Technical Director, Knouse Foods Cooperative, Inc., Peach Glen, Pa.

Pack, Elizabeth A. (A-1956) 15707 Normandy Ave., Cleveland 11, Oho.

Padlon, Joseph F., Col. (F-1925) Patent Lawyer, (Chemical patents), Klein and Padlon, 165 Broadway, New York 6, N. Y.

Pafford, Phil T. (M-1957) Market Research Analyst, Continental Oil Co., Box 2197, Houston, Tex.

Page, John O., Dr. (F-1957) Associate Professor, A. & M. College of Texas, College Station, Tex.

Painter, Erle V. (F-1957) Director of Res., Chicago Plant, Johnson & Johnson, Chicago 38, Ill. Mail: 412 So. Edgewood Ave., La Grange, Ill.

Paley, Charles, Dr. (F-1935) Director of Labs., Certified Laboratories, Inc., 19 Hudson St., New York 13, N. Y.

Palmer, George D., Dr. (F-1938) Prof. Organic Chem., University of Alabama, University, Ala.

Palmer, Henry F., Dr. (F-1936) Consultant, 1285 Rexford Ave., Pasadena, Calif.

Pankratz, R. E. (F-1955) Chief Chemist, Fort Dodge Laboratories, Fort Dodge, Iowa.

Panter, George (M-1957) Chemical Engineer, Allis-Chalmers Mfg. Co., Milwaukee 1, Wis. Mail: 8404 W. Hawthorne Ave., Wauwatosa 13, Wis.

Pantzer, Myron (F-1955) Vice President & Dir. of Res., The Panray Corp., New York 13, N. Y. Mail: 384 Holland Lane, Englewood, N. J.

Pappas, Harry J. (M-1953) Bacteriologist, The Griffith Laboratories, Inc., 1415 W. 37th St., Chicago 9, Ill.

Park, Bartholow, (F-1957) Prof. Chem., Michigan College of Mining & Technology, Houghton, Mich.

Park, James G. (F-1944) Vice President, Enjay Company, Inc., New York 19, N. Y. Mail: 439 Bronxville Rd., Bronxville, N. Y.

Parker, Edward A., Dr. (F-1953) Technical Director, Technic, Inc., 39 Snow St., Box 965, Providence 1, R. I.

Parker, Ivy M., Dr. (F-1939) Research Engineer, Plantation Pipe Line Co., Box 1743, Atlanta 1, Ga.

Parker, John A., Dr. (F-1957) Manager Chemistry Res. Unit, Armstrong Cork Co., Lancaster, Pa. Mail: 85 Conestoga Blvd., Lancaster, Pa.

Parker, Milton E. (F-1953) President, Commerce & Industry, Inc., Boston 9, Mass. Mail: 208 South LaSalle St., Chicago 4, Ill.

Parker, Robert P., Dr. (F-1944) American Cyanamid Co., Bound Brook, N. J. Mail: 86 Heights Rd., Ridgewood, N. J.

Parker, Webster L. (F-1956) Chemist, Los Angeles Testing Lab., 1300 So. Los Angeles St., Los Angeles 13, Calif.

Parkhurst, George Leigh, Dr. (F-1957) Vice President & Director, Standard Oil Company of California, 225 Bush St., San Francisco 20, Calif.

Parks, Albert F. (F-1952) Asst. Chief, Div. of Technical Services, Bureau of Customs, Internal Revenue Bldg., Washington 25, D. C.

Parks, W. George, Dr. (Hon-1942) Professor of Chemistry; Head of Dept., University of Rhode Island, Kingston, R. I.

Parsons, John L., Dr. (F-1947) Consultant, Paper & Allied Industries, Rye, N. H.

Partenheimer, Joseph E. (F-1954) Atlas Supply Co., Newark 2, N. J. Mail: 12 Tower Dr., Maplewood, N. J.

Pastor, Harold P. (A-1955) Chemist, U.S.D.A., Southern Utilization Research Branch, 1100 Robert E. Lee Blvd., New Orleans 19, La.

Patrick, William H. (F-1942) American Cyanamid Co., New York 20, N. Y. Mail: 11 Rocaton Rd., Darien, Conn.

Patterson, Lawrence J. (F-1947) Athol Manufacturing Co., Athol, Mass.

Pattison, Burt O. (A-1948) Owner, Pattison's Southwest Labs., P.O. Box 346, Harlingen, Texas.

Patton, James V. (A-1956) 2561 Friendly St., Eugene, Ore.

Paulsen, Grover C., Jr. (F-1957) Tech. Director, Magnus Chemical Co., Inc., Garwood, N. J. Mail: 811 Knollwood Terr., Westfield, N. J.

Payne, Henry Fleming (F-1936) Professor, Chem. Eng. Dept., University of Florida, Gainesville, Fla.

Payne, John Howard, Dr. (F-1947) Principal Technologist, Experiment Station, H.S.P.A., 1527 Keeaumoku St., Honolulu 14, Hawaii.

Payne, V. F., Dr. (F-1957) Teacher of Chemistry, Monmouth College, West Long Branch, N. J. Mail: 400 Atlantic Ave., Long Branch, N. J.

Paytash, Peter L. (F-1949) Prof. of Chem. & Hd. of Dept. of Chem., Xavier University, Palmetto & Pine Sts., New Orleans 18, La.

Pazdera, Harold J. (A-1952) Staff Supervisor, Charles Pfizer & Co., Labs., Brooklyn 6, N. Y. Mail: 1203 79th St., North Bergen, N. J.

Peabody, William A., Dr. (F-1943) Research Biochemist, American Tobacco Co., Richmond, Va. Mail: 4805 Brook Rd., Richmond 27, Va.

Peakes, Lawson V., Jr., Dr. (F-1940) Senior Research Chemist, Universal - Rundle Corp., Box 1268, Mahoningtown, Pa.

Pearce, Carolyn (A-1956) 5201 Pawnee, Toledo 13, Ohio.

Pearce, H. R. (F-1953) Vice President, The Matheson Co., Inc., East Rutherford, N. J. Mail: 25 E. Magnolia Ave., Maywood, N. J.

Peet, Roy W. (F-1947) Manager, Association of American Soap & Glycerine Producers, Inc., 295 Madison Ave., New York 17, N. Y.

Pennington, William A., Dr. (L-1947) Prof., Chem. Eng., University of Maryland, College Park, Md.

Perlman, Lester J. (M-1949) Morton Chemical Co., Chicago, Ill. Mail: 609 Sheridan Road., Evanston, Ill.

Perow, Robert H. (M-1948) Quality Control Supervisor, Johns-Manville

Products Corp., Box 9067, Long Beach 10, Calif.

Perrine, J. Harold (F-1953) Manager, Administrative Div., Res. & Dev., Sun Oil Co., Box 426, Marcus Hook, Pa.

Perry, James W. (F-1948) Assoc. Prof., Western Reserve University, Cleveland 6, Ohio. Mail: 3837 Woodridge Rd., Cleveland Heights 21, Ohio.

Perry, Leslie L. (EF-1925) Staff Assistant, American Cyanamid Co., New York 20, N. Y. Mail: 44 Woodbine Ave., Plainfield, N. J.

Perry, Margaret C. (F-1938) Clinical Chemist, Columbia Hospital, 3321 N. Maryland Ave., Milwaukee 11, Wis.

Persell, Ralph M. (F-1957) Asst. Director, Southern Utilization Res. & Dev. Div., U.S.D.A., 1100 Robert E. Lee Blvd., New Orleans 19, La.

Peters, Franklin T., Dr. (F-1948) Fine Chemicals Div., Shulton, Inc., Clifton N. J. Mail: Far View Drive, Mountainside, N. J.

Peters, Fred P. (F-1953) Vice President, Reinhold Publishing Corp., 430 Park Ave., New York 22, N. Y.

Petersen, Christian A. (F-1954) Manager, Central Manufacturing Co., Box 1086, Tyler, Texas.

Peterson, Donald K. (M-1954) Technical Salesman, The Dow Chemical Co., Los Angeles 17, Calif. Mail: 4328 W. 58th Pl., Los Angeles 43, Calif.

Peterson, John A. (F-1938) Chief Chemist, United Lacquer Mfg. Corp., Linden, N. J. Mail: 17 Nassau Dr., Summit, N. J.

Peterson, Kevin R. (A-1953) Becco Chem. Div., Food Machinery & Chem. Corp., Buffalo 7, N. Y. Mail: 166 Nassau Ave., Kenmore 17, N. Y.

Peterson, Willard D., Dr. (F-1949) 2695 Lorain Rd., San Marino 9, Calif.

Pettit, Alfred (F-1923) Westinghouse Elec. Corp., Bloomfield, N. J. Mail: 47 Ferndale Rd., North Caldwell, N. J.

Pfeiffer, Burton L. (EF-1929) Retired. Mail: 554 Central Ave., Bound Brook, N. J.

Pfeifer, C. William (F-1946) Manager, Silicone Rubber Dev., General Electric Co., Waterford, N. Y.

Pfluger, Helmuth L., Dr. (F-1940) Asst. Head of Lab., Borden Co., Chemical Div., Philadelphia 24, Pa. Mail: 710 Pembroke Rd., Jenkintown, Pa.

Phair, Robert A. (EF-1937) 752 Franklin Turnpike, Allendale, N. J.

Phelps, Howard S. (F-1937) Chemist, National Electrotype Co., New York 17, N. Y. Mail: 39 Wyncote Rd., Hohokus, N. J.

Phillips, Doris W. (A-1950) E. I. du Pont de Nemours & Co., Seaford, Del. Mail: Vienna, Md.

Phillips, Eugene (M-1955) Group Leader, Materiels Process Eng. Dept., Douglas Aircraft Co., Inc., El Segundo, Calif. Mail: 3805 W. 176th St., Torrance, Calif.

Phillips, Joshua (A-1957) Student, 1558 E. 29th St., Brooklyn 29, N. Y.

Phillips, Paul H., Dr. (F-1950) Prof. of Biochemistry, University of Wisconsin, Madison 6, Wis.

Phillips, Ralph F., Dr. (F-1948) Tech. Pub. Relations Consultant, Williston Academy, Easthampton, Mass.

Phillips, William E. (F-1955) President, William E. Phillips Inc., 435 N. Michigan Ave., Chicago 11, Ill.

Pickens, Russell M., Dr. (F-1936) Consultant, Rayonier, Inc., New York 17, N. Y. Mail: 116 E. 63rd St., New York 21, N. Y.

Pickering, Harry S. (EF-1942) 417 N.W., 120th St., Miami 50, Fla.

Pierce, Abby Nies (Mrs. Wm. F. Pierce) (F-1942) Patent Chemist, American Cyanamid Co., Bound Brook, N. J.

Pierce, Harold B., Dr. (F-1940) Professor & Chairman of Dept., University of Vermont, College of Medicine, Burlington, Vt.

Pierce, L. F., Dr. (F-1941) Director, L. F. Pierce, Labs., 2007 Wilshire Blvd., Los Angeles 57, Calif.

Pilger, Richard C. (A-1954) 900 Belmont Pl., West Palm Beach, Fla.

Pimbley, George H. (F-1954) Group Leader - Metal Surface Conversion Coatings Res., Turco Products, Inc., Los Angeles, Calif. Mail: 2520 W. 78th St., Inglewood 4, Calif.

Pincus, Leo I. (F-1950) Service Control Administrator, Water Service Labs., Inc., 169 W. Wyoming Ave., Philadelphia, Pa.

Pinigis, Edwin J. (M-1955) Technical Supervisor, Pennsalt Chemicals Corp., Bryan, Tex. Mail: Pennsalt Chemicals Corp., P.O. Box 1206, Montgomery, Ala.

Pinnock, Douglas R. (F-1928) President, Drew Company of America, Inc., New York 11, N. Y. Mail: 8 Irving Place, Baldwin, L. I., N. Y.

Pinter, Rudolph (A-1950) Research Chemist, Allied Chemical & Dye Corp., Central Research Lab., Columbia Rd., Morristown, N. J.

Pitman, Earle C. (F-1933) Consulting Chemist & Chemical Engineer, Camden, Maine.

Pittman, William H. (A-1956) Graduate Student, University of Illinois, Urbana, Ill. Mail: 606 W. Ohio St., Urbana, Ill.

Pitts, Frank P. (F-1949) Prof. of Chemistry, Medical College of Virginia, Richmond 19, Va.

Pizzarello, Roy A., Dr. (F-1946) Dept. Head, Dyestuffs & Intermediates, Interchemical Corp., 432 W. 45th St., New York, N. Y.

Placek, Chester (M-1956) Associate Editor, A.C.S. Applied Journals, 36 S. Wabash, Chicago 3, Ill.

Plantinga, Oliver S., Dr. (F-1949) Director of Cotton & Gauze Research, Johnson & Johnson, New Brunswick, N. J.

Plauka, John W. (A-1935) Research Chemist, Johns-Manville Research Center, Manville, N. J.

Plock, Richard J., Dr. (A-1952) Physicist, University of California Radiation Lab., P.O. Box 808, Livermore, Calif.

Plunkett, Ray F. (M-1947) Chemist, Southern Railway Co., P.O. Box 233, Alexandria, Va. Mail: 835 Fontaine St., Alexandria, Va.

Plunkett, Roy J., Dr. (F-1949) Manager, Plts. Tech. Sect., Organic Chemicals Dept., E. I. du Pont de Nemours & Co., Wilmington, Del.

Podbielniak, Walter J., Dr. (F-1944) President, Podbielniak, Inc., 341 E. Ohio St., Chicago 11, Ill.

Poetz, Matthias B., Jr. (M-1957) Chief Chemist Analyst, Toni Compan, St. Paul 8, Minn.

Pollack, Maxwell A., Dr. (F-1946) Chemical Consultant, 121 Glenbrook Rd., Morris Plains, N. J.

Pollak, Arthur, Dr. (F-1951) Consulting Engineer, 16 Greenwood Lane, Westport, Conn.

Pollak, George A. (A-1951) Head, Equipment Br., Commissary Research Div., U.S. Naval Supply Research & Development Facility, Bayonne, N. J. Mail: 35 Edward Terr., Union, N. J.

Pollak, Irving D. (F-1931) Senior Chemist, Dept. of Purchase, City of New York, 480 Canal St., New York 13, N. Y.

Pollard, Cash Blair, Dr. (F-1935) Professor of Chemistry, University of Florida; Consulting Chemist & Toxicologist, 240 Leigh Hall, Gainesville, Fla.

Pollard, Charles P. (F-1949) Partner, Pollard, Johnston, Smythe & Robertson, 155 East 44th St., New York 17, N. Y.

Pollard, Robert R. (A-1956) Manager, S & S and Glycerine, Proctor & Gamble Mfg. Co., Quincy, Mass. Mail: 65 Gridley St., Quincy, Mass.

Pollock, Robert A. (F-1951) Vice President, Brown Allen Chemicals, Inc., Staten Island 2, N. Y. Mail: 57 Otis Ave., Staten Island 6, N. Y.

Pommer, Alfred M., Dr. (F-1953) Chemist, U. S. Geological Survey, Washington 25, D. C., Mail: 3117 Fayette Rd., Kensington, Md.

Pompa, James P. (M-1944) Proprietor of Pharmacy, John Shaw Drug Co., Blooming Prairie, Minn. Mail: P.O. Box 276, Blooming, Prairie, Minn.

Pons, Walter A., Jr. (F-1956) Chemist, Southern Regional Research Lab., New Orleans 24, La. Mail: 90 Egret St., New Orleans 24, La.

Pope, Frank B., Dr. (F-1949) Manager, Pharmaceutical Sales, National Aniline Div., Allied Chemical & Dye Corp., New York 6, N. Y. Mail: Allen Drive, Convent, N. J.

Porter, John M. (F-1937) Ass't. Mgr., Nitrogen Dept., Phosphates & Nitrogen Div., American Cyanamid Co., New York 20, N. Y. Mail: 22 Sagamore Rd., Bronxville 8, N. Y.

Post, Alex (F-1956) Supervisor Quality Control, Polak's Frutal Works, Inc., Middletown, N. Y. Mail: 50 Fairlawn Ave., Middletown, N. Y.

Post, Howard W., Dr. (F-1929) Professor, University of Buffalo, Buffalo 14, N. Y. Mail: 94 N. Ellicott St., Williamsville, N. Y.

Powell, Eugene L., Dr. (F-1949) Assistant Director of Research, American Maize - Products Co., Roby, Ind.

Powick, Wilmer C. (EF-1923) Retired; 4704 Drummond Ave., Chevy Chase 15, Md.

Prager, William L., Dr. (EF-1929) Emeritus Professor, City College, New York,

Prebluda, Harry J., Dr. (F-1943) 3 Belmont Circle, Trenton, N. J.

Price, Charles C., Dr. (F-1949) Chairman, Dept. of Chemistry, University of Pennsylvania, Philadelphia 4, Pa.

Price, Donald, Dr. (F-1937) Consultant, 123 E. 92nd St., New York 28, N. Y.

Prince, Leon M. (F-1949) Manager Emulsion Development, Reichhold Chemicals, Inc., Elizabeth 2, N. J. Mail: 126 Ludlow Place, Westfield, N. J.

Pro, Maynard (F-1955) Research Chemist, Int. Rev. Serv., Treas. Dept., Washington, D. C.

Proctor, Charles D., Dr. (F-1948) 7657 S. Indiana Ave., Chicago 19, Ill.

Prospero, Joseph M. (A-1956) 224 South St., Pottstown, Pa.

Putnam, Garth L., Dr. (F-1949) Consulting Engr., Washington Scientific Co., Seattle 33, Wash. Mail: 1628 N. 167th St., Seattle 33, Wash.

Putnam, Hamilton W. (F-1956) Tech. Mgr., New Prods. Devel., Refrigerated Foods, Res. Div., Pillsbury Mills, Inc., Louisville 4, Ky. Mail: 814 Iris Court, Rolling Fields Addition, Jeffersonville, Ind.

Puyear, Robert B. (A-1954) Engineer, Haynes Stellite Co., Div. of Union Carbide Corp., Kokomo, Ind. Mail: 1105 W. Sycamore, Kokomo, Ind.

Quagliano, James V., Dr. (M-1947) Assoc. Prof. Chemistry, University of Notre Dame, Notre Dame, Ind.

Quaintance, Carroll B., Dr. (F-1950) Stanalchem, Inc., and Pollard, Johnson, Smythe & Robertson, New York 17, N. Y. Mail: 506 Linden Pl., Cranford, N. J.

Rader, George B. (M-1950) Engineer, Newark Housing Authority, Newark, N. J. Mail: 136 Lehigh Ave., Newark, N. J.

Radtke, S. F., Dr. (F-1953) Director of Research, Reynolds Metals Co., Richmond 19, Va. Mail: 1106 Lake Ave., Richmond 26, Va.

Raeuber, Arthur E. (F-1957) Head, Plastics Sect., Southern Res. Institute, Birmingham 5, Ala. Mail: 1208 Overland Dr., Birmingham 9, Ala.

Rafson, Harold J. (M-1955) Asst. Director Tech. Services, International Div., General Foods Corp., White Plains, N. Y. Mail: 5644 Netherland Ave., Riverdale, N. Y.

Rago, William J. (A-1954) Director, Vacuum Distillation Products, P.O. Box 1007, Oak Park, Ill.

Raimond, William A., Dr. (F-1943) Tech. Director, Engineering & Construction Div., American Cyanamid Co., 30 Rockefeller Plaza, New York 20, N. Y.

Rakestraw, Lowell D. (A-1955) Chemist, Development, U.S.A. Chemical Center, Edgewood, Md. Mail: 301 South Union, Havre de Grace, Md.

Randall, James W. H. (F-1927) Consulting Chemist, 66 S. Buffalo St., Hamburg, N. Y.

Rapkin, Edward, Dr. (M-1951) Asst. to the President, Mid-West Laboratories, 1952 W. Irving Pk. Rd., Chicago, Ill.

Rapp, Robert D. (A-1955) 1234 Perkiomen Ave., Reading, Pa.

Rasch, Carl H., Dr. (F-1935) Riverside Chemical Co., Inc., N. Tonawanda, N. Y. Mail: 639 Niagara St., N. Tonawanda, N. Y.

Rassweiler, Clifford F., Dr. (F-1947) Vice Pres. for Res. & Devel., Johns-Manville Corp., 22 E. 40th St., New York 16, N. Y.

Ratliff, Robert L. (A-1956) 3624 W. Pine Blvd., St. Louis 8, Mo.

Rattiner, A. Alan (F-1937) Owner, Whites Drug Co., Montauk, N. Y.

Rauch, L. A. (F-1946) Vice President, Schaar & Co., 7300 W. Montrose Ave., Chicago 34, Ill.

Rauscher, Grant K., Dr. (M-1948) Research Group Leader, Behr-Manning, Div. of Norton Co., Troy, N. Y. Mail: 20 Spring Ave., Latham, N. Y.

Ravve, Abraham, Dr. (F-1954) Senior Res. Chemist, Continental Can Co., Chicago, Ill. Mail: 1418 Bryn Mawr, Chicago 26, Ill.

Rawlings, Francis G., Dr. (F-1923) 621 S. Swinton Ave., Delray Beach, Fla.

Raymond, Leonard Z. (A-1953) Res. Associate, Research Center, General Foods Corp., Tarrytown, N. Y. Mail: 3225 88th St., Jackson Heights, N. Y.

Read, Mrs. Shirley M. (A-1956) 4303 Rowalt Dr., Apt. 101, College Park, Md.

Read, William Thornton, Sr., Dr. (Hon-1929) Consultant, 1225 13th St., N.W., Washington 5, D. C.

Reasenberg, Julian R., Dr. (F-1953)

Mizzy Inc., New York 10, N. Y. Mail: 277 Rugby Rd., Brooklyn 26, N. Y.

Rector, Philip R. (F-1944) Asst. to Manager, Market Res. Dept., Union Carbide Chemicals Corp., New York 17, N. Y. Mail: 98 W. Main St., Glen Rock, N. J.

Reed, Burleigh (EF-1942) Box 105, Rt. 4, Topeka, Kan.

Reed, Rufus D., Dr. (F-1953) Chairman, Science Dept., State Teachers College, Upper Montclair, N. J. Mail: 192 McCosh Rd., Upper Montclair, N. J.

Reeder, Oliver H. (F-1944) President, Baltimore Copper Paint Co., 501 Key Highway, Baltimore 30, Md.

Reich, Gustave T., Dr. (F-1940) Owner, Gustave T. Reich & Associates, Philadelphia 2, Pa. Mail. 4604 Osage Ave., Philadelphia 43, Pa.

Reich, Irving, Dr. (F-1947) Senior Research Assoc., Lever Brothers Co., Edgewater, N. J. Mail: 40 Bank St., New York 14, N. Y.

Reichardt, Charles H., Dr. (A-1939) U.S. Atomic Energy Comm., Washington, D. C. Mail: 3519 N. Delaware St., Arlington 7, Va.

Reichardt, Paul E. (F-1945) Engineer of Development, Washington Gas Light Co., 1100 H St., N.W., Washington 5, D. C.

Reid, E. Emmet, Dr. (Hon-1930) Prof. Emeritus, Johns Hopkins University, Baltimore, Md. Mail: 203 E. 33rd St., Baltimore 18, Md.

Reid, Ernest W., Dr. (EF-1936) Hotel New Weston, Madison Ave., & 50th St., New York 22, N. Y.

Reid, J. David, Dr. (A-1930) Supervisory Chemist, Southern Regional Res. Lab., New Orleans 19, La. Mail: Box 7307, New Orleans 19, La.

Reid, Roger T. (A-1956) Braun Corp., Los Angeles 54, Calif. Mail: 756 Pelican Way, El Cajon, Calif.

Reinhard, Russel R. (A-1954) Fellowship, Pennsylvania State University, University Park, Pa. Mail: Box 166, Whitmore, University Park, Pa.

Remensnyder, John P. (F-1950) Heyden Newport Chemical Corp., New York 17, N. Y. Mail: Box 239, Saugerties, N. Y.

Remer, Don D. (F-1950) Vice President & Tech. Dir., California Testing Labs., Inc., 619 E. Washington Blvd., Los Angeles 15, Calif.

Renfrew, Alice G., Dr. (F-1944) Senior Fellow, Mellon Institute, 4400 Fifth Ave., Pittsburgh 13, Pa.

Renfrew, Malcolm M., Dr. (F-1957) Dir. of Res. & Dev., Spencer Kellogg & Sons, Inc., Buffalo 25, N. Y. Mail: P.O. Box 2510, Buffalo 25, N. Y.

Renoll, Mary W. (F-1940) Research Associate, The Ohio State University Research Foundation, Columbus 10, Ohio. Mail: 886 W. 10th Ave., Columbus 12, Ohio.

Reschke, Robert F. (M-1947) Chief, Special Analyst, Bristol Laboratories, Inc., P.O. Box 657, Syracuse, 1, N. Y.

Resing Henry A. (A-1955) 5130 Kimbark Ave., Chicago 15, Ill.

Ressler, Paul C., Jr. (M-1952) Applied Physics Corp., Pasadena 1, Calif. Mail: 2115 Crescent Ave., Montrose, Calif.

Reuter, Raymond, Dr. (F-1949) National Aluminate Corp., Chicago 38, Ill: Mail: 125th St., RFD 1, Orland Park, Ill.

Revson, Raphael Frank (EF-1929) 245 W. 74th St., New York 23, N. Y.

Revukas, A. J., Dr. (F-1937) Group Leader-Res. Chemist, Tidewater Oil Co., New York 4, N. Y. Mail: 9 Park Ave., Cranford, N. J.

Reyerson, Lloyd H., Dr. (F-1957) Prof. of Physical Chem., School of Chemistry, University of Minnesota, Minneapolis 14, Minn.

Rezanka, George C. (F-1950) Sinclair Refining Co., East Chicago, Ind. Mail: 10622 S. Normal Ave., Chicago 28, Ill.

Ricci, Daniel J. (M-1954) U.S. Customs Lab., New York 14, N. Y. Mail: 290 Read Ave., Crestwood, N. Y.

Rice, Leonard M., Dr. (M-1952) Senior Res. Scientist, Wyeth Labs., Radnor, Pa. Mail: 2307 Eutaw Pl., Baltimore 17, Md.

Rich, Paul C. (EF-1943) 229 W. California St., Pasadena 2, Calif.

Richards, George H. (F-1943) National Aniline Div., Allied Chem. & Dye Corp., Buffalo, N. Y. Mail: 203 Huntington Ave., Buffalo 14, N. Y.

Richardson, Alan H., Dr. (F-1936) Industrial Analyst, Laurence M. Marks & Co., 48 Wall St., New York 5, N. Y.

Richardson, Stanley H. (F-1942) Development Engr., Bakelite Co., New York 17, N. Y. Mail: Valley Rd., Millington, N. J.

Richer, Archibald S. (F-1938) Vice President, Mgr., Fine Organics, Inc., Lodi, N. J. Mail: 3965 Sedgwick Ave., Apt. C-1, New York 63, N. Y.

Richey, W. D., Dr. (A-1950) Chemist, Diamond Alkali Co., Research Center, Painesville, Ohio. Mail: 64 W. South St., Apt. D, Painesville, Ohio.

Richter, Richard C. (F-1945) Nopco Chemical Co., Harrison, N. J. Mail: 3 Mohawk Trail, Westfield, N. J.

Rickles, David N., Dr. (F-1949) Consulting Chem. Engr., 821 S. Damen, Chicago, Ill.

Riegel, Emil R., Dr. (F-1944) Professor Emeritus, University of Buffalo, Buffalo, N. Y. Mail: R.D. 91, Rt. 1, Deep River, Conn.

Rieger, John A. (M-1933) Quality Control Chemist, Jewett & Sherman, Baltimore, Md. Mail: 6500 Glenoak Ave., Baltimore 14, Md.

Riehl, Wilbur A. (F-1957) Chief, General Chem. Unit, Army Ballistic Missile Agency, Redstone Arsenal, Ala. Mail: 1811 Alabama Ave., Huntsville, Ala.

Riener, Thomas W. (F-1943) Research Supervisor, Industrial Rayon Corp., Cleveland 1, Ohio. Mail: 20000 Laverne Ave., Rocky River 26, Ohio.

Ries, Herman E., Jr., Dr. (F-1949) Research Associate, Standard Oil Co., (Indiana) Whiting, Ind.

Rifkin, Irving J. (M-1948) Partner, Brilco Labs., 1553 - 63rd St., Brooklyn 19, N. Y.

Riggs, Lloyd K., Dr. (F-1936) Sr. Scientist, Evans Research & Development Corp., New York 17, N. Y. Mail: Box 101, Oakdale, N. Y.

Riley, Archibald H. (F-1945) Supervisor, Roofing Products Control, Barrett Div., Allied Chemical & Dye Corp., New York 6, N. Y. Mail: 1717 West End Dr., Philadelphia 31, Pa.

Riley, Horace E. (F-1935) Bakelite Co., Bloomfield, N. J. Mail: 52 S. Prospect St., Verona, N. J.

Riley, Walter J. (F-1951) Manager, Market Development, Westvaco Mineral Products Div., F.M.C., 161 E. 42nd St., New York 17, N. Y.

Rinehart, Wilmer T., Dr. (F-1942) Senior Res. Engineer, Rocketdyne Div., North American Aviation, Canoga Park, Calif. Mail: 5211 Calenda Dr., Woodland Hills, Calif.

Rinkenbach, William H. (L-1923) Consulting Chemist, 2010 Cypress Ave., R.D. 60, Allentown, Pa.

Rishell, Carl A. (F-1947) Vice President, Timber Engineering Co., 1319 18th St., N.W., Washington 6, D. C.

Rising, L. Wait, Dr. (F-1938) Chairman Dept. of Pharmacy & Pharmacy Administration, University of Washington, Seattle 15, Wash.

Ritt, Paul E., Dr. (M-1954) Melpar, Inc., Alexandria, Va. Mail: 910 Hillcrest Dr., S.W., Vienna, Va.

Rivard, Gilbert A. (F-1957) Senior Chemist, G. H. Tennant Co., 701 North Lilac Dr., Minneapolis 22, Minn.

Roaldi, Arthur F. (A-1951) 10 Lancaster Ave., Lancaster, N. Y.

Robert, Emery D., Dr. (F-1957) Research Consultant, 3121 Sheridan Rd., Chicago 14, Ill.

Roberts, Elliott J., Dr. (F-1936) Director of Res. & Devel. Dorr-Oliver Inc., Barry Pl., Stamford, Conn.

Roberts, Hayden (F-1944) Chemical Lab. Supervisor, Halliburton Oil Well Cementing Co., Duncan, Okla.

Roberts, Joseph K. (F-1951) Standard Oil Co., (Ind.) Chicago 80, Ill. Mail: Bruce Ave., Flossmoor, Ill.

Roberts, Ovid E., Jr. (F-1952) Secretary-Treasurer, Armed Forces Chemical Association, Washington 6, D. C. Mail: 2607 Finley St., Silver Spring, Md.

Roberts, Richard R. (F-1952) Chas. Pfizer & Co. Inc., Groton, Conn. Mail: 68 Lower Blvd., New London, Conn.

Robertson, Clifford J. (F-1946) Proctor & Gamble Distributing Co., 155 E. 44th St., New York 17, N. Y.

Robertson, H. F. (F-1944) Technical Director, Union Carbide Development Co., 30 East 42nd St., New York 17, N. Y.

Robertson, John W. (F-1941) Consultant, Box 3063, Charlotte 3, N. C.

Robey, Ashley, Dr. (F-1940) Prof. & Chairman of Dept. of Chem., Roanoke College, Salem, Va. Mail: P.O. Box 421, Salem, Va.

Robinette, Hillary, Jr. (F-1939) President Robinette Research Laboratories, Inc., 16 E. Lancaster Ave., Ardmore, Pa.

Robinson, Harold W. (M-1941) Baker & Co., Newark, N. J. Mail: 2687 Bancroft Ave., Union, N. J.

Robinson, Herbert E., Dr. (F-1957) Director of Res., Swift & Co., Chi-

cago 9, Ill. Mail: 1928 W. 102nd St., Apt. 1, Chicago 43, Ill.

Robinson, John C., Jr. Dr. (F-1954) Personnel Manager, Hercules Research Center, Hercules Powder Co., Wilmington, Del.

Robinson, Richard S. (F-1954) Arthur D. Little, Inc., 30 Memorial Dr., Cambridge, Mass.

Rochow, Eugene G., Dr. (F-1956) Professor of Chemistry, Harvard University, Cambridge 38, Mass.

Rockwell, James N. (M-1958) Research Chemist, Newport Industries Co., Pensacola, Fla. Mail: Route 5, Box 637K Pensacola, Fla.

Rodig, Oscar R., Dr. (A-1951) Assistant Prof. of Chem., University of Virginia, Cobb Chemical Lab., Charlottesville, Va.

Rogalski, Lenore (M-1956) Library Supervisor, Universal Oil Products Co., Des Plaines, Ill. Mail: 1205 Mulford St., Evanston 2, Ill.

Rogers, Hatton B., Jr. (F-1954) Vice President, Dodge & Olcott, Inc., New York 14, N. Y. Mail: 39 Robins Crescent, New Rochelle, N. Y.

Rogers, Lockhart B., Dr. (F-1953) Assoc. Prof. Chemistry, Massachusetts Institute of Technology, Cambridge 39, Mass. Mail: 21 Dunbarton Rd., Belmont 78, Mass.

Rogers, Malcolm J., Jr. (A-1951) Patterson A.F.B., Dayton, Ohio. Mail: 295 Turrell Ave., South Orange, N. J.

Rollins, Thomas J. (F-1953) Director, Keldon Research Corp., Box 2555, Terminal Annex, Los Angeles 54, Calif.

Romano, Albert P. (M-1944) Chemical Supervisor, E. I. du Pont de Nemours & Co., Inc., Chambers Works, Penns Grove, N. J. Mail: Lake Gilman, R.D. #1, Monroeville, N. J.

Romano, Frank P., Dr. (A-1948) E. I. du Pont de Nemours & Co., Chambers Works, Deepwater, N. J. Mail: 16 Paynter Dr., Edgemoor Gardens, Wilmington 3, Del.

Romans, Isabelle B. (F-1929) Chloramine Co., 117 W. 13th St., New York 11, N. Y.

Rooker, William A. (F-1947) Tech. Director, H. F. Byrd, Inc., Berryville, Va. Mail: 112 E. Piccadilly, Winchester, Va.

Roon, Leo (F-1936) 511 Fifth Ave., New York 17, N. Y.

Rose, Arthur, Dr. (F-1949) President & Professor of Chemical Eng., Applied Science Labs., Inc., The Pennsylvania State University, State College, Pa. Mail: 525 South Gill St., State College, Pa.

Rose, Carlton H. (F-1937) Director of Public Relations, National Lead Co., 111 Broadway, New York 6, N. Y.

Rose, Jerome W. (M-1941) Research Dir., Wilson Imperial Co., Newark, N. J. Mail: 2 Fairway, Bloomfield, N. J.

Rosenblatt, William (M-1955) Res. Chemist, Foster D. Snell, Inc., 29 W. 15th St., New York 11, N. Y.

Rosenblum Franklyn M. (A-1951) 7809 Muskegon Ave., Chicago 49, Ill.

Rosenblum, H. (F-1947) Schenley Labs., New York 1, N. Y. Mail: 65 Summit Ave., Hackensack, N. J.

Rosendahl, Edward (F-1940) Executive Vice President, Glyco Products Co., Inc., Empire State Building, New York 1, N. Y.

Rosenstein, Ludwig, Dr. (F-1954) Consultant, 111 Sutter St., San Francisco 4, Calif. Mail: 2010 Lyon St., San Francisco 15, Calif.

Rosenthal, Fritz, Dr. (F-1952) Dir. of Product Dev., Knowlton Brothers, Inc., Watertown, N. Y.

Rosenthal, Howard (M-1948) Purchasing Agent, Schaar & Co., 7300 Montrose Ave., Chicago 34, Ill.

Rosin, Joseph (EF-1925) Vice President (Retired) Merck & Co., Inc., Rahway, N. J. Mail: 1285 Salem Road, Plainfield, N. J.

Rosinger, Arthur, Dr. (F-1949) 32 Colonial Terrace, Nutley, N. J.

Rosner, Lawrence, Dr. (F-1955) President, Rosner-Hixson Labs., Chicago 13, Ill. Mail: 7015 Chappel Ave., Chicago 49, Ill.

Ross, Arthur M., Jr., Dr. (F-1949) President, Ross & Roberts, Inc., 1299 W. Broad St., Stratford, Conn.

Ross, Douglas H. (F-1950) Solvay Process Div., Allied Chemical & Dye Corp., New York 6, N. Y. Mail: 558 Lotus Rd. Ridgewood, N. J.

Ross, George (F-1951) Biochemist, Montefiore Hospital, New York 67, N. Y. Mail: 38 W. Gun Hill Rd., New York 67, N. Y.

Ross, Lawrence E. (F-1948) Development Chemist, American Cyanamid

Co., Piney River, Va. Mail: Rte. 3, Box 6, Amherst, Va.

Rosser, Charles M., Dr. (F-1939) Senior Res. Chemist, Film Div., American Viscose Corp., Marcus Hook, Pa. Mail: 307 Callander Lane, Wallingford, Pa.

Rossman, Joseph, Dr. (F-1949) Patent Attorney, 1714 Rittenhoose Sq., Philadelphia 3, Pa.

Rostenbach, Royal E., Dr. (F-1944) Senior Engineer, General Electric Co., Richland, Wash. Mail: 2310 Pullen St., Richland, Wash.

Rotenberg, Don H. (A-1955) Research Asst., Cornell University, Ithaca, N. Y.

Rothberg, Irvin (A-1956) Chemist, Smith, Kline & French Labs., 1530 Spring Garden St., Philadelphia, Pa.

Rothberg, Pincus (F-1946) President, Montrose Chemical Co., 120 Lister Ave., Newark, N. J.

Rovey, John S. (F-1954) Vice Pres. Sales, Labglass, Inc., Vineland, N. J. Mail: Box 86, Newfield, N. J.

Royal, Lester (F-1943) 521 E. Kenwood Ave., The Elms, Decatur, Ill.

Royer, George L., Dr. (F-1934) Administration Assistant to the General Manager, Res. Div., American Cyanamid Co., 30 Rockefeller Plaza, New York 20, N. Y.

Rubek, D. D. (F-1937) Div. Manager, Anderson-Prichard Oil Corp., 3921 N. Ravenswood Ave., Chicago 13, Ill.

Rudolf, Zygfryd (F-1948) Clayton Mfg. Co., El Monte, Calif., Mail: 2228 S. Campbell Ave., Alhambra, Calif.

Rudolfs, Willem, Dr. (EF-1936) N. J. Agriculture Experiment Station, Rutgers University, New Brunswick, N. J.

Rugar, George Francis, Dr. (F-1944) Associate Director, Res. Dept., Diamond Alkali Co., Painesville, Ohio. Mail: 4722 Waldamere Ave., Willoughby, Ohio.

Rundquist, John T. (A-1948) E. I. du Pont de Nemours & Co., Polychemicals Dept., Wilmington 98, Del.

Russell, Charles D., Dr. (F-1938) Head, Production Res. The Carter Oil Co., Box 801 Tulsa, Okla.

Russell, Kenneth L., Dr. (F-1948) Dir. of Res. & Dev., Toilet Articles Div., Colgate-Palmolive Co., New York, N. Y. Mail: 105 Hudson St., Jersey City 2, N. J.

Russell, Maurice (A-1943) Harshaw Chem. Co., Philadelphia, Pa. Mail: 1236 Empire Ave., Camden, N. J.

Russell, Robert P., Dr. (Hon-1949) Pres. IBEC Research Inst., Apartado No. 140, Valencia, Venezuela.

Russo, Michael (F-1935) Head, Quality Control Dept., New York Quinine & Chemical Works, 158 Mt. Olivet Ave., Newark 5, N. J.

Rust, John B. (F-1942) 7912 Flight Ave., Los Angeles 45, Calif.

Ruszkay, Richard J. (A-1955) Instructor & Student, Columbia University, New York, N. Y. Mail: 211 W. 106th St., Apt. 3C, New York 25, N. Y.

Ryan, Thomas J. (M-1957) Chemist, Roswell Park Memorial Institute, Buffalo, N. Y. Mail: 241 Humboldt Parkway, Buffalo 8, N. Y.

Ryan, Vanston H., Dr. (F-1949) Dir. Div. of Natural Science & Math. Prof. of Chem., Rockhurst College, Kansas City, Mo. Mail: 2004 W. 92nd St., Kansas City 15, Mo.

Ryznar, John W., Dr. (F-1951) Vice President Tech. Dir. National Aluminate Corp., 6216 W. 66th Pl., Chicago 38, Ill.

Sacher, Alex, Dr. (F-1953) Tech. Director, Standard Insulation Co., East Rutherford, N. J. Mail: 92 Van Ness Court, Maplewood, N. J.

Sachs, Albert Parsons (F-1923) Consultant, 314 W. 100th St., New York 25, N. Y.

Sadowsky, Meier (F-1955) Mgr. of Chem. Eng., Lansdale Tube Co., Lansdale, Pa.

Saffir, Jacob A., Dr. (L-1945) Saffir Research Labs., 6530 W. Fifth St., Los Angeles 48, Calif.

Saffitz, Abraham (M-1939) Patent Attorney, Senior Partner, Saffitz & Gulko, 336 Munsey Bldg., Washington 4, D. C.

Sager, DeWitt D. (F-1934) Physical Science Administrator, Picatinny Arsenal, Dover, N. J. Mail: R.F.D. #1, Flanders, N. J.

Sague, Mary Landon (Mrs. James Edward Sague), Dr. (F-1936) Emeritus Prof. of Chem., Vassar College, Poughkeepsie, N. Y. Mail: 42 Barnard Ave., Poughkeepsie, N. Y.

Salathe, Albert, Dr. (EF-1936) 415 Kress Building, Long Beach 12, Calif.

Saltman, William M., Dr. (F-1957) Senior Research Chemist, Research

Div., Goodyear Tire & Rubber Co., Akron 16, Ohio.

Saltzman, Alice (A-1956) 3816 Review Pl., New York 63, N. Y.

Sama, Dominick A. (A-1954) Student, Massachusetts Institute of Technology, Cambridge, Mass. Mail: Graduate House, M.I.T., Cambridge, Mass.

Samaras, N. T., Dr. (F-1951) President, Monsanto Research S. A., Binzstrasse 39, Zurich 3/45, Switzerland.

Sampson, Meyer (F-1935) Sampson Labs., 1619 Spruce St., Philadelphia 3, Pa.

Samuelsen, George S., Dr. (F-1949) Director Biochemical Div., Columbian Carbon Co., 214 44th St., Brooklyn 32, N. Y.

Sanders, John H. (F-1950) Regional Sales Manager, Manager of Texas Eastman Products, Eastman Chemical Products, Inc., Kingsport, Tenn.

Sanders, J. P., Dr. (F-1939) Rt. 1, Box 197, College Park, Ga.

Sandifer, J. S. (F-1947) In Charge, Southwest Div. Res. Lab., Swift & Co., East Exchange Ave., P.O. Box 549, Fort Worth 1, Texas.

Sandvig, Robert L., Dr. (M-1950) Assoc. Prof., Chem. Engr., South Dakota School of Mines & Technology, Rapid City, S. Dak.

Sanford, Theodore D. (F-1953) Tech. Dir., F. E. Booth Co., Inc., San Francisco 11, Calif. Mail: 19 Hacienda Circle, Orinda, Calif.

Santoro, W. E. (F-1943) Res. Director, Monroe Sander Corp., Long Island City, N. Y. Mail: 32 Cubberly Pl., New Dorp, Staten Island, N. Y.

Saphier, Julian (F-1932) 50 E. 41st St., New York 17, N. Y.

Sappenfield, Dale S. (A-1955) 461 N.E., 101st St., Miami, Fla.

Saul, E. L., Dr. (M-1937) Director of Scientific Liaison, Bristol - Myers Products Div., Hillside 5, N. J. Mail: 8930 - 97th St., Woodhaven 21, N. Y.

Saunders, Allen W., Jr. (M-1952) Chemist, Naval Research Lab., Washington, D. C. Mail: 4223 Hayes St., N.E., Washington 19, D. C.

Sausville, Joseph W., Dr. (F-1941) Chief, Materials Div., Nuclear Power Dept., Res. Div., Curtiss-Wright Corp., Quehanna, Pa. Mail: P.O. Box 42, Karthaus, Pa.

Savitt, Sidney Allan, Dr. (M-1950) President, Process Plants Service, Inc., 287 Central Ave., Clark, N. J.

Sawyer, Frederick G., Dr. (F-1943) Vice President, Jacobs Engineering Co., 774 E. Green St., Pasadena, Calif.

Sayre, Ralph (F-1929) 381 Winthrop Ave., New Haven, Conn.

Sayward, John M. (F-1957) Director, Vermont Bureau of Industrial Res., Norwich University, Northfield, Vt. Mail: 35 Central St., Northfield, Vt.

Scardiglia, Franco (A-1954) 3873 W. Grand Ave., Chicago 51, Ill.

Schaar, Bernard E. (Hon-1942) Chairman of Board, Schaar & Co., Chicago 34, Ill. Mail: M.R. Box 436, Chesterton, Ind.

Schachtmeister, Sydney C. (M-1936) 404 East 38th St., Erie, Pa.

Schaefer, A. E., Dr. (F-1957) Manager, Control Dept., General Aniline & Film Corp., Rensselaer, N. Y. Mail: 22 Loudon Parkway, Loudonville, N. Y.

Schaeffer, George W., Dr. (F-1957) Director & Prof., Dept. of Chem., St. Louis University, 1402 S. Grand Blvd., St. Louis 4, Mo.

Schaeffer, Harold F. (F-1940) Walker Lab. R.P.I., Troy, N. Y.

Schaller, William H. (F-1957) United States Chemist, Alcohol Tax & Narcotic Bureau, 1521 Post Office Bldg., St. Paul 1, Minn.

Schatzel, Rudolph A., Dr. (F-1945) Rome Cable Corp., Rome, N. Y.

Schay, S. Rus (F-1955) Chemist, The Glidden Co., Southern Chemical Div., Jacksonville, Fla. Mail: 6231 Riviera Manor Dr., Jacksonville 11, Fla.

Scheer, Walter E. (M-1945) Chemical Consultant, 50 E. 41st St., New York 17, N. Y.

Schenberg, Samuel (F-1937) Supervisor of Science, Board of Education, Brooklyn 1, N. Y. Mail: 1911 Avenue I, Brooklyn 30, N. Y.

Schepp, W. J. (F-1947) Consulting Chemist, Wm. J. Schepp, Inc., 21-23 Summit Ave., East Paterson, N. J.

Scherer, Robert R. (A-1956) Process Problem Chemist, Kimberly Clark, Niagara Falls, N. Y. Mail: 248-8 Hempstead Ave., Buffalo 15, N. Y.

Scherr, Oscar L. (F-1952) Res. Director, Process Chemicals Co., Los Nietos, Calif. Mail: 4059 Perlita Ave., Los Angeles 39, Calif.

Schexnayder, Charles J., Jr. (A-1956) Jeanerette, La.

Schlakman, Irving A. (M-1953) Products Control Manager, The Purdue Frederick Co., New York 14, N. Y. Mail: 224-74 Horace Harding Blvd., Bayside 64, N. Y.

Schleicher, F. Grant von M. (F-1937) President, W. D. Wilson Printing Ink Co., Long Island City, N. Y. Mail: 33-12 210th St., Bayside, N. Y.

Schleiden, Charles A. (A-1953) 3563 E. 52nd St., Maywood, Calif.

Schlesinger, Richard J. (F-1955) Director, Bio-Technics Laboratories, 956 S. Norton Ave., Los Angeles 19, Calif.

Schliessler, R. W., Dr. (F-1949) Director of Res., Socony Mobil Oil Co., Res. & Dev. Lab., Paulsboro, N. J. Mail: 1001 Coopers Kill Rd., Haddonfield, N. J.

Schmerling, Louis, Dr. (F-1942) Research Coordinator, Universal Oil Products Co., 30 Algonquin Rd., Des Plaines, Ill.

Schmid, George H. (A-1953) Graduate Student, University of Southern California, Los Angeles, Calif.

Schmidt, Edward H. (F-1940) 308 North Swinton Ave., Delray Beach, Fla.

Schnable, George L., Dr. (M-1955) Engineering Specialist, Lansdale Tube Co., Div., Philco Corp., Lansdale, Pa. Mail: 216 E. Sixth St., Lansdale, Pa.

Schneider, Frank, Dr. (F-1940) Prof. of Chem., Queens College, Flushing, N. Y. Mail: Round Hill Lane, Sands Point, Pt. Washington, N. Y.

Schneider, George (F-1929) Senior Vice President, Celanese Corp. of America, 180 Madison Ave., New York, N. Y.

Schneider, Solomon (F-1923) Retired. 310 Washington Ave., Havertown, Pa.

Schneiderwirth, Herman J., Dr. (F-1942) Res. Chemist, Merck, Sharp & Dohme, Inc., West Point, Pa. Mail: 1601 Upland Ave., Jenkintown, Pa.

Schneller, George H., Dr. (F-1948) Wyeth Laboratories, Box 8299, Philadelphia 1, Pa.

Schnepf, Robert W. (A-1956) 410 West View Pl., Coytesville, N. J.

Schnopper, Isidore (F-1954) Assistant Chief Chemist, U.S. Customs Lab., New York 14, N. Y. Mail: 1510 Ocean Parkway, Brooklyn 30, N. Y.

Schoeffel, Eugene W., Dr. (F-1957) Director of Res. & Dev., Salvo Chemical Corp., Rothschild, Wis. Mail: Box 1067, Rothschild, Wis.

Schoeffler, Joe R. (A-1956) Industrial Sales Rep., Orbit Valve Co., Box 9223, Houston 11, Texas.

Schoenholz, Dan (F-1953) Director, Product Dev., Dept., Foster D. Snell, Inc., New York 11, N. Y. Mail: 14-23 Beach 29th St., Far Rockaway, N. Y.

Schoeppler, Charles M. (F-1935) Consulting Chemist, 85-36 Lefferts Blvd., Kew Gardens 15, N. Y.

Scholz, Theodore F., Dr. (M-1942) Dept. Head, Chem. Proc. Imp., American Cynamid Co., Pearl River, N. Y.

Schooler, Virginia (A-1951) Chemist, A. B. Dick Co., 5700 W. Touhy Ave., Chicago, Ill.

Schott, John E., Dr. (EF-1923) Retired. 1001 Anderson Ave., New York 52, N. Y.

Schroder, Arthur (F-1944) Industry Analyst, U.S. Dept. Commerce, BDSA, Washington 25, D. C. Mail: Aponi Rd., R.F.D. 5, Vienna, Va.

Schubert, Walter J., Dr. (F-1957) Assoc. Prof.; Chairman, Dept. Chem., College of Pharmacy, Fordham University, New York 58, N. Y.

Schuchardt, Lee F. (A-1955) Associate, Merck Sharp & Dohme, West Point, Pa. Mail: 40 Winding Dr., R.D., North Wales, Pa.

Schuler, Robert H., Dr. (M-1949) Mellon Institute, Pittsburgh 13, Pa.

Schulhoff, Henry B. (F-1947) Vice President, Lanning Sanitary Engr. Co., Inc., Trenton, N. J. Mail: 7 Amsterdam Rd., Yardville, N. J.

Schultz, Joseph, Dr. (F-1944) President, Imperial Research, 940 Merchandise Mart, Chicago 10, Ill.

Schultz, Raymond F., Dr. (F-1950) Hercules Powder Co., Wilmington, Del.

Schulz, Johann C. F. (F-1957) Asst. Professor, Washington College, Chestertown, Md.

Schur, Milton O. (F-1940) Manager of Res. & Dev., Ecusta Paper Div., Olin Mathieson Chemical Corp., Pisgah Forest, N. C.

Schuyten, Hartwig A. (F-1944) 5450 Wildwood Parkway, Baton Rouge, La.

Schwan, Theodore C., Dr. (F-1954)

Assoc. Prof., Chairman Chem., Dept., Valparaiso University; Consultant, Continental-Diamond Fibre Corp., The Budd Co., Valparaiso, Ind. Mail: 154 McIntyre Ct., Valparaiso, Ind.

Schwarcman, Alexander, Dr. (Hon-1944) The University Club, Buffalo, N. Y.

Schwarcz, Morton (F-1948) Shulton, Inc., Clifton, N. J. Mail: 26 Pine Grove Rd., Berkeley Heights, N. J.

Schwartz, Anthony M., Dr. (F-1953) Harris Research Laboratories, 1246 Taylor St., N.W., Washington 11, D. C.

Schwartz, Eugene P. (A-1955) Student, Western Reserve University, Cleveland 6, Ohio. Mail: 10801 East Blvd., Cleveland 6, Ohio.

Schwartz, Gerald V. (A-1955) Medical Student, 35 Temple Pl., East Aurora, N. Y.

Schwartz, Israel, Dr. (F-1935) Chief Chemist, Bendiner & Schlesinger, Inc., 47 Third Ave., New York 3, N. Y.

Schwarz Herbert F. (F-1946) Director, PC & C Tech. Service Lab., Sherwin - Williams Co., 11541 So. Champlain Ave., Chicago 28, Ill.

Schwarz, Maurice W. (F-1928) 639 West End Ave., Apt. 11-C, New York 25, N. Y.

Schwarz, Robert (EF-1927) Chairman of the Board, Schwarz Laboratories, Inc., 230 Washington St., Mount Vernon, N. Y.

Schwarz, William M., Jr. (A-1956) Graduate Student, University of Wisconsin, Madison 6, Wis.

Schweickert, Carl E., (M-1948) 515 South Livermore Ave., Livermore, Calif.

Schweickert, William T. (M-1955) Administrator, Community Hospital, Inc., Barada St., Falls City, Nebr.

Schweigert, B. S., Dr. (F-1957) Director of Research & Education, American Meat Institute Foundation, 939 E. 57th St., Chicago 37, Ill.

Scofield, Francis (F-1941) National Paint, Varnish & Lacquer Association, 1500 Rhode Island Ave., N.W., Washington, D. C.

Scoles, D. L., Dr. (EF-1938) Professor Emeritus, Albright College, Reading, Pa.

Scott, Austin A. (F-1937) 1515 Bayshore Blvd., Dunedin, Fla.

Scott, Clarence W. (M-1951) Staff Consultant & Tech. Ass't. to Mgr., Southern Kraft Div., International Paper Co., Springhill, La.

Scott, George C. (F-1940) Vice President of Research Production, Green Giant Co., Le Sueur, Minn.

Scott, Janet D. (F-1951) Assistant Editor, G. & C. Merriam Co., Springfield 2, Mass. Mail: 60 Federal St., Springfield 5, Mass.

Scroggie, Lucy E. (A-1956) Graduate Assist. and Student, University of Tennessee, Knoxville, Tenn. Mail: 2914 East Fifth Ave., Knoxville 14, Tenn.

Seaborg, Glenn T., Dr. (Hon-1949) Prof. of Chem. & Assoc. Director of Radiation Lab., University of California, Berkeley 4, Calif.

Seaman, William, Dr. (F-1936) Research Fellow, American Cyanamid Co., Bound Brook, N. J.

Seaton, Max Y., Dr. (EF-1938) Vice President, Food Machinery & Chemical Corp., 161 East 42nd St., New York 17, N. Y.

Seavy, Robert H. (M-1947) Asst. Prof. of Chem., Stevens Institute of Technology, Hoboken, N. J. Mail: 26 Tuxedo Pl., Cranford, N. J.

Seeger, Doris R., Dr. (M-1943) Research Chemist, American Cyanamid Co., Pearl River, N. Y.

Segel, Edward, Dr. (F-1953) c/o L. Kurtz, 2437 Cortland St., Chicago, Ill.

Segal, Nathan (A-1941) Landers- Segal Color Co., 78 Delevan St., Brooklyn 31, N. Y.

Segessemann, Ernest (F-1942) Research Chemist, E. F. Drew & Co., Boonton, N. J. Mail: RD - 1 Franklin Lakes, N. J.

Segura, Gonzalo, Jr. (F-1953) Foster D. Snell, Inc., New York 11, N. Y. Mail: 23 Riverside Dr., New York 23, N. Y.

Seiden, Rudolph, Dr. (F-1948) Vice President for Pharmaceutical Production & Res., Haver-Lockhart Labs., Kansas City 41, Mo. Mail: 700 East 63rd Terr., Kansas City 10, Mo.

Seifert, Ray F. (M-1955) Associate Chemist, Titanium Alloy Mfg. Div. National Lead Co., Niagara Falls, N. Y. Mail: 3164 Stony Point Rd., Grand Island, N. Y.

Seigle, L. W., Dr. (F-1946) Mgr., Chemical Intermediate Sales, National Aniline Div., Allied Chemical

& Dye Corp., 40 Rector St., New York 6, N. Y.

Seipt, Willard R., Dr. (M-1938) Research Engineer, Keasbey & Mattison Co., Ambler, Pa. Mail: 521 E. Montgomery Ave., North Wales, Pa.

Sekera, Vladimir C. (F-1952) Commonwealth Edison Co., Chicago, Ill. Mail: 6438 W. 64th St., Chicago 38, Ill.

Selin, Helen (F-1953) Chemist, Griffith Laboratories, Inc., Chicago 9, Ill. Mail: 6916 No. Wayne Ave., Chicago 26, Ill.

Sellers, Henry G., Jr. (F-1955) Assistant Director of Research, Orradio Industries, Inc., Opelika, Ala.

Sellers, W. Wallace, Jr. (F-1957) Development & Research, International Nickel Co., 67 Wall St., New York 5, N. Y.

Semple, Robert B. (F-1950) President, Wyandotte Chemicals Corp., 1609 Biddle Ave., Wyandotte, Mich.

Senter, Lowell, Dr. (F-1940) Food Consultant, 43-16 Westmoreland St., Little Neck, N. Y.

Senter, Tryce A. (M-1953) Technical Director, Delta Chemical Co., Memphis, Tenn. Mail: 3528 Fawn Cove, Memphis, Tenn.

Servis, Richard J. (F-1944) Winthrop Stearns, Inc., Rensselaer, N. Y. Mail: RD1, Averill Park, N. Y.

Setser, Donald W. (A-1956) Hudson, Kan.

Setterstrom, Carl A. (F-1950) Special Projects Manager, Commercial Development Div., Chas. Pfizer & Co. Inc., 11 Bartlett St., Brooklyn 6, N. Y.

Sexton, Edwin L., Dr. (F-1945) Asst. Chief Technologist, The Best Foods, Inc., 99 Avenue A, Bayonne, N. J.

Seyer, William F., Dr. (F-1957) Prof. of Engineering, University of California, Los Angeles 24, Calif. Mail: 474 Halvern Dr., Los Angeles 49, Calif.

Shabica, Anthony C., Dr. (F-1957) Director, Developmental Research, Div., CIBA Pharmaceutical Products, Inc., 556 Morris Ave., Summit, N. J.

Shackell, Leon F., Dr. (F-1938) Patent Attorney, 8 Albert Ave., Morristown, N. J.

Shaffer, Arthur H. (F-1957) Asst. Chief Chemist, U.S. Internal Revenue Service, Alcohol & Tobacco Tax Div., Room 725 Main Post Office Bldg., Chicago 7, Ill.

Shaffer, Sherman S., Dr. (F-1954) Staff Associate, Humble Oil & Refining Co., Houston, Texas. Mail: Box 4018, Baytown, Texas.

Shakman, J. G. (F-1947) Executive Vice President, Pabst Brewing Co., 310 Merchandise Mart, Chicago 54, Ill.

Shallcross, Frank V. (A-1953) Chemist, M. & C. Nuclear, Inc., Attleboro, Mass. Mail: 94 Angell St., Providence 6, R. I.

Shanks, Betty Jo (A-1954) Teacher, Kingsport City Schools, Kingsport, Tenn.

Shanley, Edward S. (F-1950) Research Chemist, Arthur D. Little, Inc., Cambridge, Mass: Mail: 26 Johnson Rd., Winchester, Mass.

Shanley, Thomas R. (M-1950) Kansas City College of Osteopathy & Surgery, Kansas City, Mo. Mail: 2001 Independence, Kansas City, Mo.

Shanley, John S. (M-1948) Research Chemist, Houghton Laboratories, Inc., Olean, N. Y. Mail: R.D. 1, Allegany, N. Y.

Shansky, Albert, Dr. (A-1949) Secy.-Treas., Sybil Ives, Ltd., 127 S. Terrace Ave., Mt. Vernon, N. Y.

Shapiro, Leonard (F-1954) Technical Director, Roma Chemical Corp., East Newark, N. J. Mail: 71 Canterbury Rd. South River, N. J.

Shapiro, Rebecca L. (M-1955) Vice President, Hudson Laboratories, 117 West 13th St., New York 11, N. Y.

Shappirio, Sol (F-1949) Patent Attorney, 900 F St., N.W., Washington 4, D. C.

Sharpe, Paul D. (F-1946) Socony Mobil Oil Co., Brooklyn, N. Y. Mail: 519 Russell St., Baldwin, N. Y.

Sharrard, George F. (F-1951) Director, Marketing Research, Wyandotte Chemicals Corp., Clark & Biddle, Wyandotte, Mich.

Shaw, Carleton W. (F-1957) Owner, Shaw Laboratories, Box 167, Ft. Lauderdale, Fla.

Shea, Thomas E. (M-1939) 6723 Fairfax Rd., Chevy Chase, Md.

Sheffield, Oliver E. (M-1948) Research Chemist (Explosives), U.S. Ord., Dept. of Army, Picatinny Arsenal, Dover, N. J. Mail: Box 327, Dover, N. J.

Sheie, Robert S. (M-1946) Process

Products Engineer, Socony Mobil Oil Co., New York 17, N. Y. Mail: 379 Nealdow Ave., Staten Island 14, N. Y.

Shelly, Ralph R. (M-1950) Sales Representative, Eastman Chemical Prod., Inc., 1813 Carew Tower, Cincinnati 2, Ohio.

Shely, Benjamin L. (A-1955) 319 N. Lincoln, Bloomfield, Ky.

Shepard, Alvin F., Dr. (F-1935) Durez Plastics Div., Hooker Electrochemical Co., LeRoy, N. Y.

Shepard, B. John (F-1943) Shepard Div. of Samincorp, South American Minerals & Mdse. Corp., 425 Park Ave., New York 22, N. Y.

Shepard, Norman A., Dr. (EF-1929) Chemical Director (Retired) American Cyanamid Co., New York 20, N. Y. Mail: Hunting Ridge Road, Stamford, Conn.

Shepherd, Thomas H., Jr. (A-1955) 204 W. Pennsylvania, Urbana, Ill.

Sheppard, Chester S. (A-1952) Junior Fellow, Mellon Institute, Pittsburgh 13, Pa. Mail: 520 Greendale Ave., Edgewood, Pittsburgh 18, Pa.

Sher, Ben C., Dr. (F-1954) Municipal Tuberculosis Sanitarium, Chicago, Ill. Mail: 6175 N. Wolcott, Chicago, Ill.

Sheridan, Richard Brinsley, Dr, (EF-1923) Retired from: J. H. Williams & Co., Buffalo 7, N. Y. Mail: 29 Colton Dr., Buffalo 16, N. Y.

Sheridan, William R., Dr. (F-1932) Engineering Specialist, Sylvania Electric Products, Inc., Electronic Systems Div., Buffalo 7, N. Y. Mail: 340 Huntington Ave., Buffalo 14, N. Y.

Sherman, Clarence S., Dr. (F-1939) Dept. Chemical Eng., Cooper Union, New York, N. Y. Mail: 65 Grove St., Verona, N. J.

Sherman, Edward, Dr. (F-1955) Group Leader, (Chem. Res.) The Quaker Oats Co., 617 W. Main St., Barrington, Ill.

Sherman, John R. (A-1955) U.S. Navy, USS Saratoga (CVA-60) F.P.O. New York, N. Y.

Sherrill, J. C., Dr. (M-1948) Chief, Applications Res. Soap Div., Armour & Co., 1355 W. 31st St., Chicago 9, Ill.

Sherry, Arthur B., Jr. (F-1948) Tech. Director, Multicolor Gravure Corp., 29 North Maple St., Florence, Mass.

Shields, Charles D. (F-1954) Research Engineer, Collins Radio Co., Burbank, Calif. Mail: 3146 N. Rosemead Place, Rosemead, Calif.

Shields, James E. (A-1956) 503 W. Sixth St., Marion, Ind.

Shilstone, Cecil M. (F-1947) Partner, Shilstone Testing Laboratory, 814 Conti St., New Orleans 16, La.

Shine, William M. (F-1957) Assistant to Vice President, Celanese Corp. of American, New York 16, N. Y. Mail: 132 Lincoln Rd., Westfield, N. J.

Shingler, Angus J. (M-1947) Chemist, The Coca Cola Co., P.O. Drawer 1734, Atlanta 1, Ga.

Shingler, George P. (EF-1938) 624 S. Hernando St., Lake City, Fla.

Shipp, V. L., Dr. (F-1954) Adjunct Professor, Chemical Eng. Dept., Polytechnic Institute of Brooklyn, Brooklyn, N. Y. and Petroleum & Asphalt Consultant, 123 E. 37th St., New York 16, N. Y.

Shive, Roy A., Dr. (F-1934) Chemical Consultant, RD #1, Box 89, Bound Brook, N. J.

Shoemaker, Gordon W. (A-1956) Mendenhall, Miss.

Shorkey, Albert F. (F-1957) Gen'l. Supt., Alkali Products, The Dow Chemical Co., Tex. Div., Freeport, Texas.

Shown, John H. (F-1953) General Aniline & Film Corp., Linden, N. J. Mail: 22 Duncan Hill, Westfield, N. J.

Shrader, Marvin O., Dr. (F-1957) Supervisor, Organic Research, Pittsburgh Coke & Chemical Co., Pittsburgh 25, Pa. Mail: 185 Woodhaven Dr., Pittsburgh 28, Pa.

Shreve, R. Norris (F-1950) Director, Purdue-Taiwan Eng. Project, Purdue University, Lafayette, Ind.

Shuey, Ralph C. (EF-1938) Chemical Engineer, (Consultant). 86 Rock Lane, Berkeley 8, Calif.

Shuger, Leroy W., Dr. (F-1944) Owner & Vice President, Baltimore Paint & Color Works, Inc., 2325 Annapolis Ave., Baltimore 30, Md.

Shull, Gilbert M., Dr. (F-1957) Manager, Microbiological Research, Chas. Pfizer & Co., 11 Bartlett St., Brooklyn 6, N. Y.

Shuman, A. Cornwell, Dr. (F-1957) President, Shuman Chemical Laboratory, Inc., Battle Ground, Ind. Mail Box 543, West Lafayette, Ind.

Shur, E. Gustave (F-1953) Mgr. Ap-

pliance Finishes Dev. Lab., Interchemical Corp., Elizabeth, N. J. Mail: 560 Fairway Dr., Union, N. J.

Sibert, Merle E. (F-1953) Section Head, Phys. Chem. Res., Horizons Inc., 2905 E. 79th St., Cleveland 4, Ohio.

Siddall, Donn F. (F-1947) Director, Chamberlain Laboratories, (Div. of U.S. Stoneware Co.) P.O. Box 624, Stow, Ohio.

Siebel, Robert V. (M-1947) Research Engineer, Continental Can Co., Chicago, Ill. Mail: 2733 W. Farwell Ave., Chicago 45, Ill.

Siegel, Maurice (F-1937) Vice President, Strassburger & Siegel, 1403 Eutaw Pl., Baltimore 17, Md.

Siegelman, Irwin (A-1954) Research Assistant, University of Wisconsin, Dept. of Chemistry, Madison 6, Wis.

Sielski, Julius A. (M-1948) Supervisor, American Cyanamid Co., Bound Brook, N. J. Mail: 802 E. Front St., Plainfield, N. J.

Silfen, Herman (M-1948) Production Control Manager, Equitable Paper Bag Co., Inc., Long Island City, N. Y. Mail 63-17 252nd St., Little Neck 62, N. Y.

Silkes, Bernard (F-1947) 6640 Landview St., Pittsburgh 17, Pa.

Silver, Raymond P. (F-1941) Research Chemist, Hercules Powder Co., Research Center, Wilmington, Del. Mail: 601 Linden Circle Dr., Kennett Square, Pa.

Silverman, Alexander, Dr. (Hon-1932) Professor of Chemistry, Emeritus, University of Pittsburgh, 2525 Cathedral of Learning, Pittsburgh 13, Pa.

Silverman, Jerry (A-1956) Graduate Student, Massachusetts Institute of Technology, Cambridge, Mass. Mail: 455 Marlboro St., Cambridge, Mass.

Simha, Robert, Dr. (F-1949) Professor, New York University, New York 53, N. Y. Mail: 6505 Sligo Parkway, W. Hyattsville, Md.

Simon, Allen B., Dr. (F-1956) Consultant, 858 Eastern Parkway, Brooklyn 13, N. Y.

Simon, Simon A. (F-1957) Internal Consulting Chemist, Chicopee Mfg. Corp., Chicopee Falls, Mass. Mail: 34 Bliss Rd., Longmeadows 6, Mass.

Simonoff, Robert, Dr. (F-1946) Senior Research Chemist, L. Sonneborn Sons, Inc., Daugherty Refinery, Petrolia, Pa.

Simons, Blanche C. (A-1952) Chemist, California Testing Laboratories, Los Angeles, Calif. Mail: 2049 Thayer Ave., West Los Angeles 25, Calif.

Sinclair, Gilbert E. (F-1952) Braun Corp., Los Angeles, Calif. Mail: 1116 Hugo Reid Dr., Arcadia, Calif.

Sirois, Lionel J. (A-1955) Chemical Engineer, Esso Standard Oil Co., Box 185, Linden, N. J.

Sirota, Julius (M-1944) Technical Supervisor, National Adhesives, Plainfield, N. J. Mail: 139 Gubernot Dr., South Plainfield, N. J.

Sittenfield, Marcus (F-1944) Consulting Engineers, Marcus Sittenfield & Assoc., Philadelphia 2, Pa. Mail: 7903 Gilbert St., Philadelphia 50, Pa.

Sjostrom, Loren B. (F-1950) Head, Flavor Lab., Arthur D. Little, Inc., 15 Acorn Park, Cambridge 40, Mass.

Skeeters Maxwell J., Dr. (F-1957) Mgr. Res. & Dev. Chlor. Prod. Div., Diamond Alkali Co., Research Center, Painesville, Ohio. Mail: P.O. Box 348, Painesville, Ohio.

Skeist, Irving, Dr. (F-1955) Vice President, Skeist & Schwarz Labs., Inc., 89 Lincoln Park, Newark 2, N. J.

Skinner, Hervey J. (F-1954) Consultant, American Conditioning House Inc., 9-11 Melcher St., Boston, Mass.

Skolnik, Sol, Dr. (F-1947) Director, Research & Development, U.S. Naval Powder Factory, Indian Head, Md.

Slates, Harry L. (M-1948) Senior Research Chemist, Merck Sharp & Dohme Research Labs., Rahway, N. J. Mail: 22 Riverside Dr., Florham Park, N. J.

Slawter, Paul B., Jr. (M-1950) Vice President, G. M. Basford Co., 60 E. 42nd St., New York 17, N. Y.

Slayter, Games, Dr. (F-1947) Vice President Research & Development, Owens-Corning Fiberglas Corp., Pioneering Lab., Granville, Ohio.

Sleichter, George M., Dr. (F-1946) Professor of Chemistry & Dir. of Res., Cincinnati College of Embalming, 3202 Reading Road, Cincinnati 29, Ohio.

Slifkin, S. C. (F-1957) Owner, The S. C. Slifkin, Co., 11616 Amherst Court, Plymouth, Mich.

Slobodian, Evelyn S., Dr. (F-1957) Instructor in Radiology, New York

University, Bellevue Medical Center, New York 16, N. Y. Mail: 2065 Grand Ave., New York 53, N. Y.

Small, Gilbert, Jr., Dr. (F-1957) Research Project Leader, The Cryovac Co., Div. of W. R. Grace, Cambridge 40, Mass. Mail: 25 Shaw Dr., Wayland, Mass.

Small, Solomon P. (M-1950) National Sugar Refining Co., Philadelphia, Pa. Mail: 1037 Levick St., Philadelphia, Pa.

Smernoff, R. Gerald (F-1951) Process Chemicals Co., Los Angeles 8, Calif. Mail: 3914 Somerset Dr., Los Angeles 8, Calif.

Smidth, Leonard, Dr. (F-1945) Senior Chemist, Research & Development Dept., American Viscose Corp., Marcus Hook, Pa.

Smith, B. Ashby (F-1953) Chemist, Sou. Utilization Research & Develop. Div., U.S.D.A., New Orleans, La. Mail: 4519 Banks St., New Orleans 19, La.

Smith, Charles Frederick, Jr. (F-1923) Asst. Sales Manager, U.S. Rubber Reclaiming Co., Box 365, Buffalo 5, N. Y.

Smith, Charles L. (F-1958) Manager, Project Development, Southern Research Institute, Birmingham 5, Ala. Mail: 20 Vine St., Birmingham 9, Ala.

Smith, David P. (A-1956) Student, University of Maryland. College Park, Md. Mail: Route 2, Box 405, Fairfax, Va.

Smith, F. B., Dr. (F-1938) Microbiologist & Head, Agricultural Experiment Station, Gainesville, Fla.

Smith, F. LaVerne (F-1952) Chief Chemist, Hancock Oil Co., Box 810, Long Beach, Calif.

Smith, Gale C. (F-1947) Regional Resin Sales Supervisor, Archer - Daniels - Midland Co., 2191 W. 110th St., Cleveland 2, Ohio.

Smith, G. Frederick, Dr. (F-1944) Prof. Chem., Emeritus, University of Illinois; President, G. Frederick Smith Chem. Co. and Aeration Process, Inc., Columbus, Ohio. Mail: Box 87, Urbana, Ill.

Smith, Herbert E. (F-1957) Chemist, Northern Utilization Research & Development, Division, ARS, USDA., Peoria, Ill. Mail: 730 N. Goodwin St., Peoria, Ill.

Smith, J. D. (F-1951) Chief Chemist, International Lubricant Corp., P.O. Box 390, New Orleans 21, La.

Smith, Josiah E., Jr. (M-1957) Chemist, Southern Research Institute, Birmingham 5, Ala.

Smith, Julian C. Professor, Chemical Engineering, Cornell University, Olin Hall, Ithaca, N. Y.

Smith, Julian F., Dr. (F-1948) Assistant Professor, Lenoir Rhyne College, Hickory, N. C. Mail: 303 - 24th Ave., NE, Hickory, N. C.

Smith, Leighton B., Dr. (F-1937) Prof. .& Chairman, Dept. Chem Eng., Tufts University, Medford 55, Mass. Mail: 143 Colon St., Beverly, Mass.

Smith, Merton B. (F-1943) Chemist, Research Dept., New Jersey Zinc Co., Water St., Gloucester, N. J.

Smith, Nathan (F-1923) 79-07 211th St., Flushing 64, N. Y.

Smith, Preston R. (F-1937) Consultant, Technical Associates, Paterson 3, N. J. Mail: P.O. Box 285, Rutherford, N. J.

Smith, Richard E. (M-1947) Vice President, Research, H. B. Fuller Co., 255 Eagle St., St. Paul 2, Minn.

Smith, Theodore (F-1953) Chief Chemist, Celon Co., Muscatine, Iowa.

Smith, Vernon E. (M-1948) Research Manager, Fibreboard Paper Products Corp., Emeryville, Calif. Mail: 295 Las Quebradas Lane, Alamo, Calif.

Smith, W. Mayo, Dr. (F-1957) Director, Research & Development, Escambia Chemical Corp., 160 Charlemont St., Newton Highlands, Mass.

Smith, Walter I. (F-1952) Research Chemist, New York Quinine & Chem. Works Div., S. B. Penick & Co., Newark, N. J. Mail: 4814 Springfield Blvd., Bayside 64, N. Y.

Smith, Walter R., Dr. (F-1951) Associate Technical Director, Godfrey L. Cabot, Inc., 77 Franklin St., Boston 10, Mass.

Smith, Whitfield (M-1942) Chief Chemist, Irvington Smelting & Refining Works, 374 Nye Ave., Irvington, N. J.

Smith, William A. (F-1933) Retired. 6644 Dalzell Pl., Pittsburgh 17, Pa.

Smoley, Eugene R., Dr. (F-1937) Vice President, The Lummus Co., 385 Madison Ave., New York 17, N. Y.

Smyers, William H. (F-1946) Patent Attorney, Esso Research & Engineering Co., Elizabeth, N. J. Mail:

229 Sylvania Pl., Westfield, N. J.

Smyth, Henry F., Jr., Dr. (F-1937) Administrative Fellow, Mellon Institute of Industrial Research, 4400 Fifth Ave., Pittsburgh 13, Pa.

Smythe, Russell B. (M-1957) Chemist, E. I. du Pont de Nemours & Co., Louisville, Ky. Mail: 322 Shawnee Dr., Louisville 12, Ky.

Snell, Chester A., Dr. (F-1936) Account Executive, Foster D. Snell, Inc., 29 West 15th St., New York 11, N. Y.

Snell, Foster Dee, Dr. (F-1927) President, Foster D. Snell, Inc., 29 W. 15th St., New York 11, N. Y.

Snell, J. F., Dr. (F-1957) Head, Radiobiochemistry Dept., Director, Pfizer Therapeutic Institute, Maywood, N. J.

Soff, LeRoy D., Dr. (F-1931) Technical Director, Dutch Masters Paint & Varnish Co., Brooklyn 11, N. Y. Mail: 71-15 Kessel St., Forest Hills 75, N. Y.

Soffer, Herbert (F-1957) Development Chemist, American Cyanamid Co., Bound Brook, N. J.

Sollner, Karl, Dr. (F-1949) Chief Physical Biochemist & Professor, National Institutes of Health, Bethesda 14, Md.

Solmssen, Ulrich V., Dr. (F-1957) Scientific Director, Warner-Lambert International, Div. of Warner-Lambert Pharmaceutical Co., 201 Tabor Rd., Morris Plains, N. J.

Solomon, Irvine J. (A-1954) Associate Chemist, Armour Research Foundation, Chicago 16, Ill. Mail: 3100 South Michigan, Apt. 204, Chicago 16, Ill.

Solonen, Nicholas William, Dr. (F-1957) Research Associate, Merck Sharp & Dohme, West Point, Pa. Mail: 124 Park Ave., Ambler, Pa.

Someroski, Jacqueline F. (A-1956) Graduate Student, University of Pennsylvania, Chem. Dept., John Harrison Lab., Philadelphia 4, Pa.

Sonnichsen, H. M., Dr. (F-1949) Vice President & Research Director, Permacel-Lepage's, Inc., New Brunswick, N. J.

Sontag, Lothar A. (F-1938) Technical Manager, Durez Plastics Div., Hooker Electro Chemical Co., No. Tonawanda, N. Y. Mail: 164 Grayton Rd., Tonawanda, N. Y.

Southern, John A., Dr. (F-1957) Chairman, Department of Chemistry, Howard College, Birmingham 9, Ala.

Sowa, Frank J., Dr. (F-1940) Director of Research & Development, Sowa Chemical Co., 305 E. 46th St., New York 17, N. Y.

Sowerwine, Elbert O., Jr. (F-1953) Chemspecs Laboratory, Wapiti, Wyo.

Spalding, Samuel Clyde, Jr., Dr. (F-1951) Assoc. Prof. Chemical Engineering, University of Louisville, Louisville, Ky.

Sparks, William J., Dr. (Hon-1940) Scientific Advisor, Esso Research & Enigneering Corp., Linden, N. J. Mail: 704 Highland Ave., Westfield, N. J.

Sparrow, Donald B. (F-1957) Staff Chemist, A. D. Little, Inc., Cambridge, Mass. Mail: 97 Burlington St., Lexington, Mass.

Spechler, Daniel (F-1957) Chemist Group Leader, Keuffel & Esser Co., Hoboken, N. J. Mail: 1317 East 22nd St., Brooklyn 10, N. Y.

Speel, Henry Charles (F-1953) Chemical Consultant, Speel & Associates, P.O. Box 53, Darien, Conn.

Spencer, Frank R. (F-1941) Research Chemist, American Cyanamid Co., 1937 W. Main St., Stamford, Conn.

Sperry, Warren M., Dr. (F-1947) Professor of Biochemistry. Mail: 722 W. 168th St., New York 32, N. Y.

Spialter, Leonard, Dr. (A-1944) Research Chemist, Wright Air Development Center, Wright Patterson Air Force Base, Ohio. Mail: 2031 Arlene Ave., Dayton 6, Ohio.

Spitaleri, Frank (F-1934) Perfumer Chemist, Perry Brothers, 61-12 32nd Ave., Woodside 77, N. Y.

Sprague, Oliver A. (M-1953) Self-Employed Chemist, 2009 Arch St., Philadelphia 3, Pa.

Sprules, Frank J., Dr. (F-1949) Lab. Director (Harchem), Wallace & Tiernan, Belleville, N. J.

Squerciati, Edward C. (A-1955) 3147 Perry Ave,. New York 67, N. Y.

Stacy, Eliot R. (F-1951) Manager, Pigment Technical Service, Harshaw Chemical Co., 1945 E. 97th St., Cleveland 6, Ohio.

Stageman, Paul J. (F-1951) Assist. Prof. of Chemistry, University of Omaha, Omaha, Neb.

Stahly, Eldon E., Dr. (F-1953) 4743 Burnley Dr., Birmingham, Mich.

Stallcup, W. David, Dr. (F-1947) Vice

President, The Glidden Company, Cleveland, Ohio. Mail: P.O. Box 389, Jacksonville 1, Fla.

Stallings, James W. (F-1957) Technical Manager, Amerotron Company, Barnwell, S. C. Mail: Box 254, Williston, S. C.

Stamberger, Paul (F-1943) Vice President, Calverton Chemical Corp., Baltimore 30, Md.

Stammelman, Mortimer J., Dr. (F-1938) President, The Atmos Products Company, 119 W. 23rd St., New York 11, N. Y.

Standley, George P., Dr. (F-1949) Ass't. Manager of Rayon Research, Industrial Rayon Corp., Cleveland 1, Ohio. Mail: 19880 Laurel Ave., Cleveland 16, Ohio.

Stansbury, Mack F. (F-1951) Associate Chemist, Southern Utilization Research & Development Div., 1100 Robert E. Lee Blvd., New Orleans 19, La.

Stanton, William A., Dr. (F-1946) Asst. Plant Manager, E. I. du Pont de Nemours & Co., Inc., Rochester 13, N. Y. Mail: 25 Country Club Drive, Rochester 18, N. Y.

Stark, Samuel M., Jr. (F-1955) Assoc. Chemist, Instrumentation & Analysis Div., Agricultural Research Ser., U.S.D.A., New Orleans 19, La. Mail: 809 Ridgewood Dr., Metairie, La.

Starkman, Jesse H. (F-1957) Assistant Technical Director, Van Dyk & Co., Inc., Belleville, N. J. Mail: 96 Rossmore Place, Belleville 9, N. J.

Stasse, Henry L. (F-1945) 61 Second Ave., Hawthorne, N. J.

Staub, John H. (M-1943) Chemist, Barrett Div., Allied Chemical & Dye Corp., Margaret & Bermuda Sts., Philadelphia 37, Pa.

Stauffer, Robert A. (F-1953) V. P. & Director of Research, National Research Corp., 70 Memorial Drive, Cambridge, Mass.

Stavely, Frederick W., Dr. (F-1946) Director of Chemical & Physical Research Labs., Firestone Tire & Rubber Co., 1200 Firestone Parkway, Akron 17, Ohio.

Steadman, Albert (F-1953) Consulting Chemist, Allen B. Dumont Labs. Inc., Clifton, N. J. Mail: P.O. Box 995, De Bary, Fla.

Steahly, George W., Dr. (F-1957) Assistant Director of Research, Monsanto Chemical Co., Nitro, W. Va.

Steckler, Robert, Dr. (F-1953) Manager, R. Steckler Labs., 19220 Miles Ave., Cleveland 28, Ohio.

Steele, Frank J. (M-1947) Chief Pharmacist, Greenwich Hospital, Greenwich, Conn. Mail: 50 East Putnam Ave., Greenwich, Conn.

Steele, Harold K. (F-1946) Division Head, The Fleischmann Labs., Betts Ave., Stamford, Conn.

Steffens, John A., Dr. (F-1923) Consultant, 160 Nyack Turnpike, Suffern, N. Y.

Steik, Karl T., Dr. (F-1936) Director, Livon Laboratories, Inc., 470 Grove St., Upper Montclair, N. J.

Stein, Edward Harold (A-1956) Research Assistant, Beth Israel Hospital, Boston 15, Mass. Mail: 6 Dudley St., Apt. 2, Cambridge 40, Mass.

Stein, Sidney J., Dr. (F-1943) Director of Research, International Resistance Co., 401 North Broad St., Philadelphia 8, Pa.

Steinberg, Eliot (F-1957) Manager of Research Administration, Warner - Chilcott Labs., Morris Plains, N. J.

Steinberg, Ralph H. (F-1943) Chief Spectroscopist, U.S. Steel Corp., Chicago 17, Ill. Mail: 9531 Avalon Ave., Chicago 28, Ill.

Steiner, John, Dr. (L-1949) Director, Chemical Research Labs., 1637 No. Ashland, Chicago 22, Ill.

Steinhardt, Ralph G., Jr., Dr. (F-1954) Chairman of Dept.; Professor of Chemistry, Hollins College, Hollins College, Va.

Steinle, J. Vernon, Dr. (F-1936) Research & Development Vice President, S. C. Johnson & Son, Inc., 1525 Howe St., Racine, Wis.

Stenger, Howard W. (A-1956) F.B.I., 900 Standard Bldg., Cleveland, Ohio.

Stephens, Chester H. (F-1948) 11650 National Blvd., Los Angeles 64, Calif.

Stephenson, Henry D. (F-1954) Technical Sales, Los Angeles Chemical Co., South Gate, Calif. Mail: 5907 Cimarron, Los Angeles 47, Calif.

Stephenson, Robert M. (F-1957) Technical Director, Basic Vegetable Products, Inc., Vacaville, Calif.

Sterling, Edward C., Dr. (L-1947) Director of Research, Edcan Labs., 10-20 Pine St., South Norwalk, Conn.

Stern, Adolph John, Dr. (F-1957) Dean, Wagner Lutheran College,

Staten Island, N. Y. Mail: 16 Lloyd Court, Staten Island 10, N. Y.

Stern, Joel R., Dr. (F-1957) Research Biochemist, Childrens Memorial Hospital, 707 Fullerton, Chicago 14, Ill.

Sternberg, Leon (M-1952) Chemical Engineer, Fedder Quigen, Maspeth, L. I., N. Y. Mail: 621 Colonade Rd., W. Hempstead, N. Y.

Steuber, Henry N. (F-1946) Tech. Director, Collway Colors, Inc., 15 Market St., Paterson, N. J.

Stevens, Elbridge S. (M-1949) Mail: 172 White Rd., Scarsdale, N. Y.

Stevens, Raymond (Hon-1948) President, Arthur D. Little, Inc., 30 Memorial Drive, Cambridge 42, Mass.

Stevens, Robert Howard (EF-1923) Research Associate, Herty Foundation, Savannah, Ga. Mail: 311 Kinzie Ave., Savannah, Ga.

Stevenson, Arthur C., Dr. (F-1957) Assistant Director, E. I. du Pont de Nemours & Co., Elastomers Lab., Wilmington, Del.

Stevenson, Earl P. (F-1951) Chairman of Board, Arthur D. Little, Inc., Cambridge, Mass. Mail: 106 Shornecliffe Rd., Newton 58, Mass.

Stewart, A. Theodore, Jr., Dr. (M-1957) Lt (jg), US Navy, Special Weapons Unit, Pacific, San Diego 35, Calif. Mail: 633 Missouri St., San Diego 9, Calif.

Stewart, James K., Dr. (F-1936) 8228 S. Sangamon St., Chicago 20, Ill.

Stickney, Edward G. (F-1929) Chemist, Koppers Co., Inc., Verona, Pa. Mail: 216 Fifth St., Oakmont, Pa.

Stiegler, Harold W., Dr. (F-1936) Director of Research, American Association of Textile Chemists & Colorists, Lowell Technoligical Institute, Lowell, Mass.

Stiegman, C. A., Dr. (F-1949) Tech. Director, Hooker Electro - Chemical Co., Niagara Falls, N. Y.

Stigman, Shepherd, (M-1952) Sales Representative, Lotte Chemical Corp., Paterson, N. J. Mail: 123 West 93 St., New York 25, N. Y.

Stiles, Hugh R., Dr. (F-1939) Director of Nutrition, Biochemical Consultant, National Oats Co., E. St. Louis, Ill. Mail: R.R. 4, Box 27, Waterloo, Ill.

Stinchfield, Carleton P. (M-1955) Research Chemist, Norton Company, Worcester, Mass. Mail: 40 Gifford Drive, Worcester 6, Mass.

Stoddard, William B., Jr. (F-1951) Hanson - Van Winkle - Munning Co., Matawan, N. J.

Stokes, Charles S., III (M-1957) Research Associate, Research Institute of Temple Univ., 4150 Henry Ave., Philadelphia 44, Pa.

Stokes, Joseph F. (A-1956) Graduate Assistant, University of Oklahoma, Norman, Okla. Mail: 734 East Boyd St., Norman, Okla.

Stone, Irwin (F-1929) Head - Brewing Research Section, Wallerstein Co., Inc., 125 Lake Ave., Staten Island 12, N. Y.

Stoner, George Green, Dr. (F-1949) Manager of Product Development, Avon Products, Inc., Division St., Suffern, N. Y.

Stoner, Raoul J., Dr. (F-1935) 828 Faile St., New York 59, N. Y.

Stowe, Vernon M., Dr. (F-1940) Assistant Chief, Alcoa Research Labs., P.O. Box 497, East St. Louis, Ill.

Straka, Leora E., Dr. (F-1956) Research Librarian (Chemist) Goodyear Tire & Rubber Co., Akron 16, Ohio.

Strasburger, LeRoy V. (F-1936) President, Strasburger & Siegel, Inc., 1403 Eutaw Place, Baltimore 17, Md.

Straub, Gilbert J. (F-1948) New Products Coordniator, Baxtor Laboratories, Inc., 6301 Lincoln Ave., Morton Grove, Ill.

Strauss, Ulrich P., Dr. (F-1941) Associate Professor, Rutgers, The State University, New Brunswick, N. J.

Street, John N., Dr. (F-1935) Director of Chemical Labs., The Firestone Tire & Rubber Co., 1200 Firestone Parkway, Akron 17, Ohio.

Strickler, Alvin, Dr. (EF-1936) Emeritus Professor, Evansville College, Evansville 4, Ind. Mail: Frankfort, Mich.

Stright, Benjamin M. (F-1940) Chief Chemist, General Railway Signal Co., 801 West Ave., Rochester 2, N. Y.

Strite, Gordon H., Dr. (F-1955) Address wanted.

Strobl, Alexander (F-1944) Owner - Manager, Stroblite Co., 75 West 45 St., New York 36, N. Y.

Struck, Charles W. (A-1953) Route 130, Hightstown, N. J.

Stubbings, Robert L., Dr. (F-1953) Director of Research, Lehigh Uni-

versity, Bethlehem, Pa. Mail: 2305 Henderson St., Bethlehem, Pa.

Stupin, Peter J. (F-1951) Mefford Chemical Co., Div., McKesson & Robbins, Inc., 5353 Jillson St., Los Angeles 22, Calif.

Sturm, B., Jr. (A-1955) Research Rubber Chemicals, Goodyear Tire & Rubber Co., Akron, Ohio. Mail: 2007 Clairmont Ave., Akron, Ohio.

Stutz, George F. A., Dr. (F-1950) Manager, Pigment Div., Sales Dept., The New Jersey Zinc Co., 160 Front St., New York 38, N. Y.

Sukow, Donald N. (M-1948) Chief Chemist, American Synthetic Rubber Corp., Louisville 1, Ky. Mail: 4826 So. 6th St., Louisville 14, Ky.

Sullivan, Alfred B. (A-1956) Hq. Sq. Section 17th AF, Box 14, APO 14, New York, N. Y.

Sullivan, Vincent A., Jr. (M-1953) President, Krystall Chemical Co., Chicago, Ill. Mail: 10 Glenbrook Dr., Prospect Heights, Ill.

Sullivan, William R., Dr. (F-1949) General Secretary of Research, Hoffmann - LaRoche, Inc., Nutley 10, N. J.

Summerlin, Lee Roy, II (A-1958) Assistant Chemist, Southern Research Institute, Birmingham 5, Ala. Mail: Adamsville, Ala.

Sumner, Oscar Ransom (M-1947) Staff, Chas. Pfizer & Co., Inc., Brooklyn, N. Y. Mail: 46 Terrace Circle, Great Neck, N. Y.

Sumner, Thomas, Dr. (F-1955) Professor of Chemistry & Head of Department, University of Akron, Akron 4, Ohio. Mail: 484 Hampshire Rd., Akron 13, Ohio.

Sunde, Conrad J., Dr. (F-1953) Research Director, N. I. Malmstrom & Co., Brooklyn 22, N. Y. Mail: 111 Huntington Road, Garden City, N. Y.

Sussman, Sidney, Dr. (F-1945) Chief Chemist, Water Service Labs., Inc., 615 W. 131st St., New York 27, N. Y.

Suter, Chester M., Dr. (F-1951) Associate Director, Sterling Winthrop Res. Inst., Rensselaer, N. Y. Mail: Route 1, Chatham, N. Y.

Swain, Robert C., Dr. (F-1935) Vice President, American Cyanamid Co., 30 Rockefeller Plaza, New York 20, N. Y.

Swain, Robert Eckles, Dr. (Hon-1950) Professor of Chemistry Emeritus, Stanford University, Stanford, Calif. Mail: 634 Mirada Ave., Stanford, Calif.

Swakon, Edward A., Dr. (F-1957) Chemist, Standard Oil Co. (Ind.), Research Dept., Whiting, Ind. Mail: 7610 Maryland Ave., Hammond, Ind.

Swanson, Arnold A. (M-1956) Biochemist, Research, School of Aviation Medicine, USAF, Randolph AFB, Texas.

Sward, G. G. (F-1942) Consultant, 2825 Greenvale St., Chevy Chase 15, Md.

Swarthout, Donald M. (F-1954) Director of Research, Diamond Walnut Growers, Inc., P.O. Box 1727, Stockton 6, Calif.

Sweedler, Benjamin (F-1945) Patent Counsel, Sweedler & Zucker, 420 Lexington Ave., New York 17, N. Y.

Sweeney, W. J., Dr. (F-1938) Vice President & Director, Esso Research & Engineering Co., P.O. Box 111, Linden, N. J.

Sweet, Thomas R., Dr. (A-1943) Associate Professor of Chemistry, Ohio State University, Columbus 10, Ohio.

Sylvander, Nels E. (A-1957) Gen. Mgr., Pittsburgh Consolidation Coal Co., Res. & Dev. Div., Library, Pa. Mail: 3382 Crestview Dr., Bethel Park, Pa.

Syverud, Alan N. (A-1953) Student & Teaching Assistant, Kansas University, Chemistry Dept., Lawrence, Kan.

Szymanowitz, Raymond (F-1923) Executive Vice President, Acheson Industries, Inc., 1019 Broad St., Newark 2, N. J.

Tadanier, John S., Dr. (A-1952) Post-Doctoral Research Assistant, University of Illinois, Urbana, Ill. Mail: c/o Mullen, 510 S. Fourth St., Champaign, Ill.

Taebel, W. A., Dr. (F-1947) Mgr. - Parts Engineering, Westinghouse Electric Corp., Lamp Div., Bloomfield, N. J. Mail: 174 Watchung Ave., Upper Montclair, N. J.

Taft, George H. (F-1949) Consultant, 9 Monument St., Concord, Mass.

Taft, William R. (F-1956) Manager, Solid Propellants, Olin Mathieson Chemical Corp., Niagara Falls, N. Y. Mail: 36 Annover Rd., Lewiston, N. Y.

Taggart, Matthew F. (F-1940) Direc-

tor of Research, O'Brien Corp., 101 North Johnson St., South Bend 21, Ind.

Tames, Walter (A-1941) Tech. Sales Representative, Ansbacher - Siegle Corp., Rosebank, Staten Island 5, N. Y. Mail: 125 Prospect Park West, Brooklyn 15, N. Y.

Tamorria, Richard (A-1954) Graduate Lab. Instructor, Chem. Dept. in School of Pharmacy, University of Maryland, Baltimore, Md. Mail: 3235 O St., Washington 20, D. C.

Tanner, Wellington Lee (F-1923) Chief Chemist, Reade Manufacturing Co., Inc., Jersey City 2, N. J. Mail: Box 21, Panasoffkee, Fla.

Tapley, Mark W., Dr. (F-1949) Mgr., New Products Dept., Sterling Drug Inc., 1450 Broadway, New York 18, N. Y.

Taub, Abraham (F-1939) Professor of Chemistry, College of Pharmacy, Columbia University, 115 West 68th St., New York 23, N. Y.

Tauber, Henry, Dr. (F-1941) Biochemist, U.S. Public Health Service, Chapel Hill, N. C. Mail: 48 Hamilton Rd., Glen Lennox, Chapel Hill, N. C.

Tausz, Marta, Mrs., Dr. (F-1943) Literature Chemist, 655 East 14th St., Apt. 7-D, New York 9, N. Y.

Taylor, Harden F., Dr. (F-1936) Consultant, 115 Broadway, New York 6, N. Y.

Taylor, Lloyd D., Dr. (A-1954) Research Associate, Massachusetts Institute of Technology, 77 Massachusetts Ave., Cambridge 39, Mass.

Taylor, Maurice C. (F-1930) Consultant, Taylor Research Labs., 2739 Lockport Rd., Niagara Falls, N. Y. Mail: 3040 Delancey Rd., Niagara Falls, N. Y.

Taylor, Walter A., Dr. (F-1943) Associate, The Dispergent Co., Guilford, Conn.

Taylor, William (F-1943) 45-29 261st St., Great Neck, N. Y.

Teeters, W. O., Dr. (F-1935) President, Hoke Inc., Cresskill, N. J.

Temmerman, John A. (F-1950) City Chemist, City of Rochester, 242 Main St. W., Rochester, N. Y.

Terry, Daniel H., Dr. (F-1953) Assist. Tech. Director of Res. & Dev., Boyle - Midway Inc., Div. of Amer. Home Products, Cranford, N. J. Mail: 22 Elmora Ave., Cranford, N. J.

Thews, Karl B. (F-1925) Assistant to Manager, Titanium Alloy Mfg. Div., National Lead Co., New York 6, N. Y. Mail: 83-09 Talbot St., Kew Gardens, N. Y.

Thiessen, Garrett William, Dr. (F-1953) Chairman, Chem. Dept., Monmouth College, Monmouth, Ill.

Thomas, Adrian (F-1948) Retired Chief Chemist, Huron Milling Co., Harbor Beach, Mich. Mail: Box 63, Harbor Beach, Mich.

Thomas, Beaumont (F-1947) Vice President, Stebbins Eng'g. & Mfg. Co., Eastern Blvd., Watertown, N. Y.

Thomas, Charles Allen, Dr. (Hon-1936) President, Monsanto Chemical Co., Lindbergh & Olive Street Roads, St. Louis 24, Mo.

Thomas, Charles L., Dr. (F-1939) Director, Res. & Dev. Dept., Sun Oil Co., Philadelphia 3, Pa. Mail 445 Riverview Rd., Swarthmore, Pa.

Thomas, Edmund B., Dr. (F-1949) Professor, Chemistry, John Carroll University, University Heights, Cleveland 18, Ohio.

Thomas, Seymour, Jr. (M-1953) Assistant Sales Mgr., Braun Chemical Co., Box 2062 Los Angeles 54, Calif.

Thomas, Walter W., Dr. (F-1946) Research Chemist, Hercules Powder Co., Research Center, Wilmington, Del.

Thomasset, Paul A. President, Thomasset Colors Inc., Newark 5, N. J. Mail: 134 Campus Rd., Staten Island 1, N. Y.

Thomasson, Raymond F. (L-1951) 211 Wyoming St., Charleston 2, W. Va.

Thompson, Clifford F. (A-1955) Grad. Student, University of Illinois, Urbana, Ill. Mail: 1317 So. State St., Champaign, Ill.

Thompson, H. Leroy (F-1957) Consulting Chemical Engineer, 329 Brown-Marx Building, Birmingham 3, Ala.

Thompson, John E. (F-1953) President, Gen. Mgr., Reliable Packing Co., 1440 W. 47th St., Chicago 9, Ill.

Thompson, John W. (A-1956) 2320 Painters St., New Orleans, La.

Thornton, M. K. (F-1949) Executive Director, Texas Agricultural Limestone Association, Bryan, Texas. Mail: 1208 Walton Drive, College Station, Texas.

Thorp, Clark E. (F-1949) Manager,

Chemistry & Chemical Engineering Research, Armour Research Foundation, 10 West 35th St., Chicago 16, Ill.

Thorp, Frank K. (A-1955) Medical Student, The University of Chicago, Chicago, Ill. Mail: 227 Oakhill Ave., East Lansing, Mich.

Thurston, Jack T., Dr. (F-1947) American Cyanamid Co., Stamford, Conn. Mail: Willow Rd., Riverside, Conn.

Tice, Linwood F., Dr. (F-1937) Associate Dean & Director, Pharmacy Dept., Philadelphia College of Pharmacy & Science, 43rd St. & Kingsessing Ave., Philadelhpia 4, Pa.

Timasheff, Serge N., Dr. (M-1946) Principal Physical Chemist, Eastern Regional Res. Lab., ARS, U.S.D.A., 600 E. Mermaid Lane, Philadelphia 18, Pa.

Timm, John A., Dr. (F-1955) Director, School of Science, Simmons College, Boston 15, Mass.

Tinker, John F., Dr. (F-1943) Research Chemist, Eastman Kodak Co., B-129, Rochester, N. Y.

Tinker, John M. (F-1953) Director, Jackson Lab., E. I. du Pont de Nemours & Co., Inc., P.O. Box 525, Wilmington 99, Del.

Tishler, Max, Dr. (F-1952) President, Merck, Sharp & Dohme Research Labs., Div., Merck & Co. Inc., Rahway, N. J.

Titus, Edward D. (A-1953) National Cancer Institute, National Institutes of Health, Bethesda 14, Md.

Tobias, Philip E. (F-1945) Director of Res. & Eng'g., Edw. Stern & Co., 140 N. 6th St., Philadelphia 6, Pa.

Tobiasson, George T. (F-1923) Supervising Chemist, Universal Oil Products Co., Des Plaines, Ill. Mail: 6108 No. Maplewood Ave., Chicago 45, Ill.

Todd, Leslie Jay, Dr. (F-1938) Professor of Chemistry, Kent State University, Kent, Ohio.

Toennies, Gerrit, Dr. (F-1949) Head, Dept. General Biochemistry, Institute for Cancer Research & Lankenau Hospital Research Institute, Philadelphia 11, Pa.

Toffel, George M. (F-1958) Associate Professor of Chemistry, University of Alabama, University, Ala. Mail: 303 Queen City Ave., Tuscaloosa, Ala.

Tokoli, Emery G. (M-1953) Associate Dir. of Research, Fine Organics, Inc., Lodi, N. J. Mail: 240 E. Palisade Ave., Englewood, N. J.

Tolpin, Jacob G. (F-1942) Technical Associate, Standard Oil Co., (Ind.), Research Lab., Box 431, Whiting, Ind.

Tomlinson, W. R., Jr. (F-1943) Staff Member, Johns Hopkins University, Operations Research Office, Chevy Chase, Md. Mail: Route 4, Box 80, Fairfax, Va.

Tonkin, William H. (F-1942) Technical Director, Frozen Products Div., Standard Brands, Inc., P.O. Box 797, Kansas City 8, Mo.

Toone, Gilbert C., Dr. (F-1946) Group Leader, National Aniline Div. A.C. & D. Corp., Buffalo, N. Y. Mail: 225 Highland Ave., Hamburg, N. Y.

Toulouse, Julian Harrison, Dr. (F-1938) Chief Engineer, Quality & Spec. Dir., Owens - Illinois Glass Co., Box 1035-6, Toledo 1 Ohio.

Tour, Sam (F-1953) President, Sam Tour & Co. Inc., & Amer. Standards Testing Bureau, Inc., New York 6, N. Y. Mail: 435 W. 23rd St., New York 11, N. Y.

Towle, Louis W. (F-1944) General Supt., Apache Powder Co., Benson, Ariz. Mail: Box 282, Benson, Ariz.

Townley, Charles W. (A-1956) Research Assistant, Ohio State University, Columbus, Ohio. Mail: 90 West Dodridge St., Columbus 2, Ohio.

Townley, R. W., Dr. (F-1949) Director, Townley Research & Consulting, Long Hill Road, RD 1, Gillette, N. J.

Treacy, Cyril S. (F-1939) Vice President, M. Argueso & Co. Inc., Mamaroneck, N. Y. Mail: 164 Boulevard, Scarsdale, N. Y.

Tregoning, Lorna Joan, Miss (A-1955) Chemist, National Bureau of Standards, Washington 25, D. C. Mail: 8520 Hazelwood Drive, Bethesda 14, Md.

Trimble, Harry C., Dr. (F-1936) Special Consultant to the Dean, Harvard Medical School, 25 Shattuck St., Boston 15, Mass.

Trott, Gene F. (A-1954) Project Chemist, American Synthetic Rubber Corp., Louisville, Ky. Mail: 2921 W. Main, Louisville, Ky.

Trout, William E., Jr., Dr. (F-1937) Chairman, Dept. of Chemistry, University of Richmond, Richmond, Va.

Trozzolo, Anthony M. (A-1950) National Science Foundation Fellow, University of Chicago, Chicago 37, Ill. Mail: 1421 E. 60th St., Chicago 37, Ill.

Truesdail, Roger W., Dr. (F-1936) Founder & President, Truesdail Laboratories, Inc., 4101 N. Figueroa St., Los Angeles 65, Calif.

Trumper, Max, Dr. (L-1930) Consultant (now retired). Comdr. (Msc.) USNR (Ret.), Bala Cynwyd, Pa.

Tubis, Manuel (F-1943) Chief Biochemist, Radioisotope Service, Veterans Administration, Los Angeles 25, Calif. Mail: 2004 Linnington Ave., Los Angeles 25, Calif.

Tucker, Harold H., Dr. (F-1938) Research Consultant, Private Practice, 14 Chesterfield Rd., Scarsdale, N. Y.

Turner, Howard S., Dr. (F-1948) Vice President, Research & Development, Jones & Laughlin Steel Corp., 3 Gateway Center, Pittsburgh 30, Pa.

Turner, Robert Graham, Dr. (F-1949) Proprietor, The Turner Pharmacy; Consultant, Turn-Brite Co., Brandon, Wis.

Turner, Wendell P., Jr. (F-1946) Operations Analyst, U.S.A. Chemical Corps, Operations Research Group, Bldg. 483, Army Chemical Center, Edgewood, Md.

Turner, William D., Dr. (F-1932) Tech. Dir., Airkem Inc., 241 E. 44th St., New York 17, N. Y.

Turney, Lawrence J. (F-1953) Director of Research, The H. W. Madison Co., Cleveland, Ohio. Mail: The H. W. Madison Co., 200 N. State Road, Medina, Ohio.

Turno, Irene A. (M-1923) P.O. Box 491, Newark 1, N. J.

Tutwiler, T. Stanford, Dr. (F-1946) Section Head, Esso Research & Engineering Co., Linden, N. J. Mail: Oakwood Rd., Watchung, Plainfield, N. J.

Tuveson, Bonde R. (F-1952) Box 335, Chewelah, Wash.

Twiss, Sumner B., Dr. (F-1953) Asst. Chief, Engr. Research, Chrysler Corp., Eng. Div., Highland Park 3, Mich. Mail: 4365 Charing Way, Birmingham, Mich.

Tyler, Walter S. (F-1931) Chemical Engineer, The Curtis Publishing Co., Elmwood Ave., Sharon Hill, Pa.

Udy, Marvin J., Dr. (L-1943) Vice Pres., Strategic Udy Processes, Inc., Niagara Falls, N. Y. Mail 546 Portage Road, Niagara Falls, N. Y.

Ullyot, Glenn E., Dr. (F-1940) Associate Director of Research, Smith, Kline & French Labs., 1530 Spring Garden St., Philadelphia 1, Pa.

Ulrich, Stephen E., Dr. (F-1941) Chairman, Science Dept., University College, Rutgers - The State University, New Brunswick, N. J.

Underwood, Donald L. (A-1950) Research Supervisor, The Toni Co., Room 405, Merchandise Mart, Chicago 54, Ill.

Ungnade, Herbert E., Dr. (F-1949) Staff Member, Los Alamos Scientific Lab., University of California, Box 1663, Los Alamos, N. M.

Unik, John P. (A-1956) 15240 Center Ave., Harvey, Ill.

Urbain, Walter M., Dr. (F-1957) Assoc. Dir. of Research, Swift & Company, Chicago 9, Ill. Mail: 4721 Woodland Ave., Western Springs, Ill.

Urquhart, George G. (F-1940) 501 Parkwood Drive, Wynnewood, Pa.

Vagenius, Harold N., Dr. (M-1944) Patent Advisor, R.R. Donnelley & Sons Co., Chicago, Ill. Mail: 1634 Elmwood Ave., Berwyn, Ill.

Vanderborg, Alex (A-1956) Research Chemist, Evans Research & Devel. Corp., New York 17, N. Y. Mail. 851 Hunts Point Ave., Bronx 59, N. Y.

Vanderkleed, Charles E., Dr. (F-1937) Vice President & Scientific Dir. (Retired), McNeil Labs., Inc., Philadelphia, Pa. Mail: 200 Harvard Ave., Collingswood 7, N. J.

Van Dermay, Robert E. (A-1955) 513 South 19th St., Lafayette, Ind.

Van Doren, Lloyd, Dr. (L-1923) Chemical Consultant - Patent Attorney, 100 Park Ave., New York 17, N. Y. Mail: 17 West 10th St., New York 11, N. Y.

Van Evera, B. D., Dr. (F-1941) Dean for Sponsored Research, The George Washington University, 707 - 22nd St., N.W., Washington 6, D. C.

Van Loo, Maurice (F-1933) Director of Paint Research, Sherwin - Williams Co., Chicago 28, Ill. Mail: 5541 Everett Ave., Chicago 37, Ill.

Van Name, Ralph G., Dr. (F-1936) 285 Prospect St., New Haven 11, Conn.

Van Peursem, Ralph L., Dr. (F-1949) Rochester Institute of Technology, Rochester 8, N. Y. Mail: 49 Colonial

Village Rd., Rochester 10, N. Y.

Van Rysselberghe, Pierre, Dr. (F-1953) Lecturer & Research Associate, Stanford University, Stanford, Calif. Mail: 558 Santa Rita Ave., Palo Alto, Calif.

Van Sickle, Ferris H. (M-1957) Analytical Chemist, Bureau of Internal Revenue, Alcohol & Tobacco Tax, St. Paul 1, Minn. Mail: 20 - 3rd Ave., N.E., North St. Paul, Minn.

Vaterrodt, Peter, Research Chemist. Retired. 45 A Hastings Ave., Rutherford, N. J.

Vaughn, Thomas H., Dr. (F-1937) Executive Vice President, Pabst Brewing Co., 310 Merchandise Mart, Chicago 54, Ill.

Veltman, James H. F. (F-1943) R.F.D., Long Valley, N. J.

Venable, Emerson (F-1952) Consulting Chemist & Engineer, 6111 Fifth Ave., Pittsburgh 32, Pa.

Verbiscar, Anthony J., Dr. (M-1957) Director of Research, Regis Chemical Co., Chicago 10, Ill. Mail: 8600 So. Loomis Blvd., Chicago 20, Ill.

Verbyla, Albert E. (F-1937) President, Lenoir Wood Finishing Co., Lenoir, N. C. Mail: P.O. Box 643, Lenoir, N. C.

Vesce, Vincent C. (F-1923) Technical Director, Harmon Colors, B. F. Goodrich Chemical Co., 550 Belmont Ave., Haledon, N. J.

Vexler, Darwin (F-1953) Chemical Projects Associates, 30 Rockefeller Plaza, New York, N. Y.

Vincow, Gershon (A-1956) Graduate Student, Columbia University, New York 27, N. Y. Columbia University, Havemeyer Hall, Box 56, New York 27, N. Y.

Vittands, Laila (A-1956) 12 School Street, Boston 19, Mass.

Vlacos, Perry G. (F-1941) Chief Chemist, American Lignite Products Co., Ione, Calif. Mail: P.O. Box 2349, Sacramento, Calif.

Vlases, George, Jr., Dr. (F-1956) Chief, Div. of Technical Services, U. S. Customs, Washington 25, D. C.

Vliet, Elmer B. (F-1953) Vice President & Scientific Administrator, Abbott Labs., 1400 Sheridan Rd., North Chicago, Ill.

Vogenitz, Frederick O. (F-1942) Vice President, The Valspar Corp., Ardmore, Pa. Mail: 1346 S. Austin Blvd., Cicero 50, Ill.

Volwiler, Ernest H., Dr. (Hon-1950) President & General Manager, Abbott Labs., North Chicago, Ill.

Von Bergen, Fritz (F-1952) Asst. Mgr., Chem. Operations Dept., FMC International, 161 E. 42nd St., New York 17, N. Y.

Von Fuchs, George H., Dr. (F-1953) Consulting Chemist & Chemical Engineer, Doble Engineering Co., (Principal Client), Box 344, Belmont 78, Mass. Mail: 278 Concord Ave., Belmont 78, Mass.

Von Hessert, Frederick, Dr. (F-1950) President, Fairmount Chemical Co., Inc., 600 Ferry St., Newark 5, N. J.

Voorhees, Vanderveer, Dr. (F-1938) Consultant, 12710 El Monte Road, Los Altos, Calif.

Vorres, Karl Spyros (A-1952) Research Fellow, Dep't. of Chemistry, State Univ. Iowa, Iowa City, Iowa.

Vuilleumier, Ernest A., Dr. (F-1926) C. Scott Althouse Prof. of Chemistry, Dickinson College, Carlisle, Pa. Mail: 108 Mooreland Ave., Carlisle, Pa.

Wachs, Herman, Dr. (F-1958) Assistant Director, Central Res., Food Machinery & Chemical Corp., P.O. Box 1616, Baltimore 3, Md.

Wafer, Joseph M. (F-1953) Vice President, Director, West Virginia Pulp & Paper Co., 230 Park Ave., New York 17, N. Y. Mail: 1106 River Road, New Milford, N. J.

Waggaman, Wm. H. (F-1952) Chemical Engineer, Consultant, 220 South Lee St., Alexandria, Va.

Wagner, Cary R., Dr. (F-1948) Consulting Chemist, South Lane Farm, Utica, Ohio.

Wagner, Glenn H. (F-1923) Retired from Aluminum Co. of America, Pittsburgh, Pa. Mail: 37 Signal Hill Blvd., E. St. Louis, Ill.

Wagner, Bruce, Jr., Dr. (A-1950) Assistant Professor of Metallurgy, Pennsylvania State University, State College, Pa.

Wagner, Robert M., Dr. (F-1956) Senior Chemist - Project Leader, Nuclear Engineering Sect., Dept. of Physics, Stanford Research Institute, Menlo Park, Calif. Mail: 853 Forest Ave., Palo Alto, Calif.

Wagoner, Charles Lew (A-1954) Assistant Chemist, Babock & Wilcox Co., Research Center, Alliance, Ohio. Mail: 1486 Lilly Lane, Alliance, Ohio.

Waitkins, George R., Dr. (F-1957) Assistant Manager, Research Dept., American Zinc, Lead, & Smelting Co., 10334 Manchester Rd., Kirkwood 22, Mo.

Wakefield, Harold F. (F-1935) Project Manager, New Product Eng. Dept., Bakelite Co., Div., Union Carbide Corp., 30 E. 42nd St., New York 17, N. Y.

Waldo, Frank (F-1953) Consultant: Columbia-Southern Chemical Corp.; Callery Chemical Co., Pittsburgh, Pa. Mail: 5533 Fifth Ave., Pittsburgh 32, Pa.

Walker, Albert C., Dr. (F-1949) Research Chemist & Engineer, Bell Telephone Lab. (Retired). Murray Hill, N. J. Mail: 77 Oakview Terr., Short Hills, N. J.

Walker, George B., Jr., Dr. (F-1954) Research Staff, Proctor & Gamble, Miami Valley Laboratories, Cincinnati, Ohio.

Walker, J. Frederic, Dr. (F-1953) Chemist, Electrochemicals Dept., E. I. du Pont de Nemours & Co., Niagara Falls, N. Y.

Walker, John C. (F-1938) Director of Research, Cities Service Research & Development Co., 54 Wall St., New York 5, N. Y.

Walker, Thomas B. (F-1957) Research Chemist, Liggett & Myers Tobacco Co., Durham, N. C.

Walker, William C., Dr. (F-1948) Research Director, West Virginia Pulp & Paper Co., Williamsburg, Pa. Mail: Pine Lodge, R. D. #1, Williamsburg, Pa.

Wall, Florence E. (L-1923) Consultant: Cosmetology; Technical writing. 210 East 68th St., New York 21, N. Y.

Wall, Robert A. (A-1956) Graduate Research Fellow, Pennsylvania State University, University Park, Pa. Mail: 121 N. Patterson St., State College, Pa.

Wallace, John B. (M-1941) Chemist, Wiley & Co., Inc., Baltimore 2, Md. Mail: 116 W. University Pkwy., Apt. 1432, Baltimore 10, Md.

Wallis, Everett Stanley, Dr. (F-1939) A. Barton Hepburn Prof. of Org. Chem., Frick Chemical Lab., Princeton University, Princeton, N. J.

Walsh, Edward R. (F-1942) Consulting Chemist, 605 E. Chestnut St., Louisville 2, Ky.

Walsh, Thomas J. (F-1936) Laboratory Director, Engelhard Industries, Mail: 253 Ridge St., Newark 4, N. J.

Wangner, Philip F., Jr. (M-1946) Research Chemist, E. I. du Pont de Nemours & Co., Inc., Newburgh, N. Y. Mail: Nee Ave., MD 32, Newburgh, N. Y.

Ward, Geoffery R. (F-1957) Director of Research, Los Angeles Soap Co., Los Angeles 54, Calif. Mail: 3755 Landfair Rd., Pasadena, Calif.

Warnecke, Henning L. (F-1946) Hastings & Co., Stapleton, Staten Island, N. Y. Mail: 308 St. John's Ave., Staten Island 14, N. Y.

Warner, J. C., Dr. (Hon-1953) President, Carnegie Inst. of Technology, Schenley Park, Pittsburgh 13, Pa.

Warth, Albin H., Dr. (F-1933) Wax Research Consultant, 29 York Court, Baltimore 18, Md.

Wasyliw, Basil J. (A-1956) Grad. Student, Wayne State University, Detroit, Mich. Mail: 5279 Chopin St., Detroit 10, Mich.

Waters, Charles E., Dr. (F-1936) Supervisory Research Chemist, Nitrogen Div., Allied Chem. & Dye Corp., Hopewell, Va. Mail: 1747 Berkeley Ave., Petersburg, Va.

Watson, John Wilbur, Dr. (F-1938) Head, Dept. of Chemistry, Virginia Polytechnic Institute, Blacksburg, Va. Mail: P.O. Box 75, Blacksburg, Va.

Watson, Robert C. (F-1955) Chemist, Alcohol & Tobacco Tax Div. Lab., Internal Revenue Service, Washington 25, D. C. Mail: 1804 Arlington Blvd., Falls Church, Va.

Watt, Lynn A. (F-1951) (Retired) 670 Scott Ave., Kirkwood 22, Mo.

Weaver, Christian (EF-1938) Retired. 126 Inskip Ave., Ocean Grove, N. J.

Weaver, Elbert C. (F-1941) Senior Education Adviser, Manufacturing Chemists' Association, 1625 Eye St., N.W., Washington 6, D. C.

Weaver, Frank F. (F-1925) Retired from General Chemical Div., Allied Chemical & Dye Corp., Mail: 45 Wetmore Ave., Morristown, N. J.

Weaver, James B. (F-1955) Asst. Director, Econ. Eval. Dept., Atlas Powder Co., Wilmington 99, Del.

Weaver, Willis K., Dr. (EF-1939) 911 Gaffield Pl., Evanston, Ill.

Webber, Alfred J. (F-1952) Technical Sales, Central Scientific Co. of Calif., Los Angeles 22, Calif. Mail:

11703 Montana Ave., Los Angeles 49, Calif.

Webber, Robert A. (F-1923) Ass't. Dir. of Research, Brown Company, Berlin, N. H. Mail: P.O. Box 601, Berlin, N. H.

Weber, Ernest M., Dr. (F-1953) Dir. of Biochem. Res. & Dev., Chas. Pfizer Co., Inc., Brooklyn 6, N. Y. Mail: 131 Chapel Rd., Manhasset, N. Y.

Weber, M. G., Dr. (F-1923) Director Research, M. Weber Labs., 551 Prospect St., Maplewood, N. J.

Webster, Owen W., Dr. (A-1951) Research Chemist, E. I. du Pont de Nemours & Co., Experimental Station, Wilmington, Del. Mail: 228 Thomas Drive, Wilmington 6, Del.

Wechsler, Ralph (F-1929) President, Nopco Chemical Company, 1st & Essex Sts., Harrison, N. J.

Wechter, Eugene J., Dr. (F-1938) Director of Research, Louisville Cement Co., Speed, Ind.

Weckesser, Charles L. (M-1947) Special Projects Engineer, The Norwich Pharmacal Co., Norwich, N. Y.

Weed, Homer C., Dr. (M-1948) Chemist, University of California Radiation Lab., P.O. Box 808, Livermore, Calif.

Weelands, Johnstone E. (F-1936) Bakelite Div., Union Carbide Chemicals Corp., Bound Brook, N. J. Mail: 407 Birch Pl., Westfield, N. J.

Wegrzyn, Stanley W. (A-1937) Analytical Chemist, Johns Manville Research Center, Manville, N. J.

Weidlein, E. R., Dr. (Hon-1929) Retired President, Mellon Institute, Pittsburgh, Pa. Mail: Kenmawr Apts, 708B, 401 Shady Ave., Pittsburgh 6, Pa.

Weiland, Henry J. (F-1949) 132 Stratford Circle, Birmingham 9, Ala.

Weinberg, Jesse L. (F-1955) Secretary, Food & Drug Research Labs., Inc., Maurice Ave. at 58th St., Maspeth 78, N. Y.

Weinberger, Harold, Dr. (F-1954) Director of Research, Fine Organics, Inc., Lodi, N. J. Mail: 309 Johnson Ave., Teaneck, N. J.

Weinberger, Walter (F-1930) Dir. of Chemistry, Paglo Laboratories, Inc., New York 11, N. Y. Mail: 330 First Ave., New York 9, N. Y.

Weiner, Arnold Merton (F-1953) Engineer, Quaker Oats Co., Merchandise Mart Plaza, Chicago 54, Ill.

Weinstein, Martin S. (F-1948) Industrial Hygiene Engineer, U.S. Atomic Energy Commission, 70 Columbus Ave., New York, N. Y. Mail: 2751 Wallace Ave., New York 67, N. Y.

Weinstein, Reuben (A-1938) Paint & Varnish Chemist, Paxon Paint Products, Inc., Brooklyn, N. Y. Mail: 140-20 Sanford Ave., Flushing 55, N. Y.

Weisbecker, Henry L. (A-1951) 122 Muriel Blvd., St. Paul, Minn.

Weisberg, Louis, Dr. (F-1945) Consultant, East Hunting Ridge Road, Stamford, Conn.

Weisberg, S. M., Dr. (F-1928) Research & Development Div., National Dairy Products Corp., Oakdale, L. I., N. Y.

Weiss, Elizabeth Adam, Dr. (M-1949) Adam Laboratory, New York, N. Y. Mail: 346 E. 24th St., New York 10, N. Y.

Weiss, Francis Joseph, Dr. (F-1954) Scientific Consultant on Food & Nutrition, 714 N. Irving St., Arlington 1, Va.

Weiss, John M. (F-1923) Partner, John M. Weiss & Co., 50 E. 41st St., New York 17, N. Y.

Weissberg, Melvin (F-1953) Technical Director, Brilco Laboratories, Inc., Brooklyn 19, N. Y. Mail: 44 Pembrook Dr., Mineola, L. I., N. Y.

Weitzel, Charles W. (F-1940) Sales Representative, Canadian Johns-Manville Co., Ltd., Asbestos, Quebec, Canada, Mail: c/o Iroquois Club, Asbestos, P. Q., Canada.

Welch, David (F-1953) Sales Manager, Naugatuck Chemical Div., U.S. Rubber Co., Naugatuck, Conn.

Welch, L. M., Dr. (F-1956) Director of Research, Petro-Tex Chemical Corp., Box 2584, Houston, Texas.

Welles, Ernest I. (F-1952) Chief Chemist, Dexter Chemical Corp., 845 Edgewater Rd., Bronx 59, N. Y.

Weltman, Clarence A. (F-1955) Alox Corp., Niagara Falls, N. Y. Mail: 8572 Krull Parkway, Niagara Falls, N. Y.

Wendt, Arthur S., Dr. (F-1944) Technical Director, Fred Fear & Co., Brooklyn 1, N. Y. Mail: 1160 W. Laurelton Parkway, West Englewood, N. J.

Werner, Ervin R., Jr. (A-1954) Research Chemist, Rohm & Haas Co., 5000 Richmond St., Philadelphia 37, Pa.

Werner, Jesse, Dr. (F-1956) Director of Commercial Development, General Aniline & Film Corp., 435 Hudson St., New York 14, N. Y.

Wertheim, E., Dr. (EF-1938) 722 North Vandeventer Ave., Fayetteville, Ark.

Wesley, W. Andrew, Dr. (F-1953) Manager, Research Lab., International Nickel Co., Inc., Bayonne, N. J. Mail: 1707 Sleepy Hollow Lane, Plainfield, N. J.

Wessel, Carl J., Dr. (F-1945) Director, Prevention of Deterioration Center, National Academy of Sciences, National Research Council, 2101 Constitution Ave., Washington 25, D. C.

West, Byron L., Dr. (F-1932) 850 Terrill Road, Scotch Plains, N. J.

West, Charles P., Dr. (F-1944) President, Resin Research Labs. Inc., 406 Adams St., Newark, N. J.

West, Clyde C. (F-1949) Archer - Daniels - Midland Co., Los Angeles, Calif. Mail: 637 N. Greenleaf, Whittier, Calif.

Westhoff, William M. (A-1948) Sinclair Chemicals, Inc., New York, N. Y. Mail: 35-91 161st St., Flushing 58, N. Y.

Wetherbee, Burt (F-1943) 2368 E. Foothill Blvd., Pasadena, Calif.

Wettach, William, Dr. (F-1942) Vice President, The Sterling Varnish Co., Sewickley, Pa. Mail: 659 Grove St., Sewickley, Pa.

Whaley, Wilson M., Dr. (F-1956) Section Head, General Foods Corp., Research Center, Tarrytown, N. Y.

Wheat, Thomas G. (A-1938) Lay Evangelist, Diocese of Western N. C., Protestant Episcopal Church, Asheville, N. C. Mail: P.O. Box 192, Morgantown, N. C.

Whidden, Helen L., Dr. (F-1957) Professor of Chemistry, Randolph-Macon Womans College; Chemistry Group, Atomic Energy Div., Babcock & Wilcox Co., Lynchburg, Va. Mail: 23 N. Princeton Circle, Lynchburg, Va.

Whidden, James Judson, Jr. (A-1957) Chem. Engrg.-Tech. Srvc., W. R. Grace & Co., Polymer Div., Clifton, N. J. Mail: 174 So. Mountain Ave., Montclair, N. J.

Whitaker, Milton C. (Hon-1926) Consultant, American Cyanamid Co., 30 Rockefeller Plaza, New York 20, N. Y.

Whitcomb, Gordon P., Dr. (F-1942) Administrative Manager, Engineering & Construction Div., American Cyanamid Co., 30 Rockefeller Plaza, New York 20, N. Y.

White, Chester M., Dr. (F-1940) Research & Development Manager Automotive Chemicals, Olin Mathieson Chemical Corp., Rochester 6, N. Y. Mail. 182 Elmcroft Rd., Rochester, 9, N. Y.

White, Donald L. (M-1945) Washington Gas Light Co., Washington, D. C. Mail: 8513 Bradmoor Dr., Bethesda 14, Md.

White, Harry J., Dr. (A-1954) Postdoctoral Fellow, University of Notre Dame, Notre Dame, Ind. Mail: Box 103, Notre Dame, Ind.

White, Wayne E., Dr. (F-1957) Research Director, Ozark - Mahoning Co., 310 West Sixth, Tulsa, Okla.

Whitehead, William (F-1947) Technical Consultant, Sales Dept., Textile Div., Celanese Corp. of America, Charlotte, N. C. Mail: 201 South Dotger Ave., Charlotte 7, N. C.

Whitener, Paul D. (F-1956) Professor of Chemistry, Winthrop College, Rock Hill, S. C.

Whitford, Earl L., Dr. (F-1946) Vice President, Hooker Electrochemical Co., Niagara Falls, N. Y. Mail: 465 College Ave., Niagara Falls, N. Y.

Whitman, Walter G., Dr. (Hon-1953) Head, Dept. of Chemical Engineering, Mass. Inst. of Technology, Cambridge, Mass.

Whitmore, Harry E. (M-1952) Manager, Chemical Sales Div., Reilly Tar & Chemical Corp., 1615 Merchants Bank Bldg., 11 South Meridian St., Indianapolis 4, Ind.

Whitner, Thomas C. (F-1939) Consultant, 22 Plane St., Newark 2, N. J.

Whitney, Roy P., Dr. (F-1957) Dean, The Institute of Paper Chemistry, Appleton, Wis. Mail: 1709 South Douglas St., Appleton, Wis.

Whitney, William B., Dr. (F-1938) Phillips Petroleum Co., Bartlesville, Okla. Mail: 6018 Park Lane, Bartlesville, Okla.

Whittaker, Colin W., Dr. (EF-1928) 1705 Lanier Pl., N.W., Washington 9, D. C.

Wick, Arne N., Dr. (F-1956) Research, Scripps Clinic & Research Foundation, 476 Prospect St., La Jolla, Calif.

Wickenden, Leonard (F-1923) Lord's Highway, Weston, Conn.

Wiech, Raymond E. (M-1949) Tech. Dir., Ass't. V. P., A. Gross & Company, Newark, N. J. Mail: 29 Lowell Terrace, Bloomfield, N. J.

Wiener, Tibor (F-1954) Consulting Chemist, P.O. Box 5662, Metropolitan Station, Los Angeles 55, Calif.

Wiesman, Clarence K. (F-1955) Gen'l. Mgr., Quality Cont. & Food Research Div., Armour & Company, U.S. Yds., Chicago 9, Ill.

Wikle, Melvin A., Jr. (M-1958) Engineer, Thiokol Chemical Corp., Huntsville, Ala. Mail: 226 Windover Dr., Huntsville, Ala.

Wilbur, Paul C. (F-1949) V. P., Director of Res., Machinery Div., Food Machinery & Chemical Corp., San Jose, Calif. Mail: 10445 Anderson Rd., San Jose 27, Calif.

Wilder, Austin B., Dr. (F-1949) Lab. Mgr., E. I. du Pont de Nemours & Co., 1025 S. Wabash Ave., Chicago 5, Ill.

Wilder, Frank W. (M-1932) 5527 Oakmont Ave., Bethesda 14, Md.

Wilder, H. K. (F-1923) Director of Research, Schuckl & Co., Inc., Sunnyvale, Calif. Mail: 58 Catalpa Drive, Atherton, Calif.

Wilfond, Arthur (A-1956) 5150 N. 9th St., Philadelphia 41, Pa.

Wilkins, R. A. (F-1937) Revere Copper & Brass, Inc., Rome, N. Y. Mail: RD 3, Lake Delta, Rome, N. Y.

Willard, John W., Dr. (F-1945) Prof. of Chemistry, So. Dak. School of Mines & Tech., Rapid City, So. Dak.

Willard, Mary Louisa, Dr. (F-1937) Professor of Chemistry, The Pennsylvania State University, State College, Pa. Mail: 363 Ridge Ave., State College, Pa.

Willets, William R. (F-1946) Asst. Mgr., Technical Service Labs., Titanium Pigment Corp., (Subs. of National Lead Co.) 99 Hudson St., New York 13, N. Y.

Williams, Arthur S., Dr. (F-1937) Consulting Chem., 2 Locust St., Roselle Park, N. J.

Williams, Barbara D., Miss (A-1955) Chemical Engineer, Hughes Aircraft Co., Culver City, Calif. Mail: 1706 Kelton Ave., Los Angeles 24, Calif.

Williams, Charles F. (M-1957) Control Engineer, Thiokol Chemical Corp., Redstone Arsenal, Huntsville, Ala. Mail: 1603 Red Oak Road, S.E., Huntsville, Ala.

Williams, Clyde, Dr. (F-1951) President, Clyde Williams & Co., 50 West Gay St., Suite 470, Columbus 15, Ohio.

Williams, Edward G. (F-1923) The Edward G. Williams Labs., 4301 Laurel St., New Orleans 15, La.

Williams, James H., Dr. (F-1937) Asst. to Dir. of Labs., Res. Div., American Cyanamid Co., Pearl River, N. Y. Mail: 146 Melrose Pl. Ridgewood, N. J.

Williams, John F. (EF-1929) Retired. 5353 Chelsea, La Jolla, Calif.

Williams, Martin Barbour (F-1953) Chemist (Aeronautical Fuels Res.) Rocket Develop. Labs., Redstone Arsenal, Huntsville, Ala. Mail: P.O. Box 215, Centreville, Ala.

Williams, Paul D. (F-1942) Special Asst. to Dir. of Research, Eitel - McCullough, Inc., San Bruno, Calif. Mail: 373 McHendry Dr., Menlo Park, Calif.

Williams, Robert E., Dr. (F-1957) Research Chemist, Olin - Mathieson Chemical Corp., 10 Congress St., Pasadena, Calif.

Williams, Roger, Jr. (M-1951) President, Roger Williams Technical & Economic Services, Inc., P.O. Box 426, Princeton, N. J.

Williams, Theodore P. (A-1955) Grad. Student, Princeton Univ., Princeton, N. J. Mail: 413-A Butler Ave., Princeton, N. J.

Williams, William W., Dr. (F-1957) Foreign Technical Representative, Dyestuff & Chemical Div., General Aniline & Film Corp., New York 14, N. Y. Mail: Frohburgstrasse 22, Zurich 6, Switz.

Williamson, C. S., Jr. (L-1936) Chemical Engineer, 1739 Marengo St., New Orleans, La.

Willson, Karl S., Dr. (F-1949) Manager, Research & Dev., Mallory Battery Co., Div. of P.R. Mallory & Co., 13000 Athens Ave., Cleveland 7, Ohio.

Wilson, Carol W. (Mrs. Charles R. Orr) (A-1956) 6515 Ascot Dr., Oakland 11, Calif.

Wilson, George W., Dr. (F-1928) Professor of Chemistry, The City College, 17 Lexington Ave., New York, N. Y.

Wilson, John L., Dr. (F-1940) V. P.

& Director of Res. & Dev., Div., Economics Laboratory, Inc., St. Paul 1, Minn. Mail: 2101 Dudley Ave., St. Paul 8, Minn.

Wilson, John R. (A-1956) Research Assistant, University of Wisconsin, Madison, Wis. Mail: 621 N. Lake St., Madison 3 Wis.

Wilson, Joseph E., Dr. (F-1956) Laboratory Supervisor, Atlas Powder Co., Wilmington, Del.

Wilson, Oliver G. (M-1957) Research Chemist, Newport Industries Co., Heyden Newport Chemical Corp., Pensacola, Fla. Mail: P.O. Box 141, Gulf Breeze, Fla.

Wilson, Thomas Lee, Dr. (F-1951) Administrative Assistant, U. S. Rubber - Research & Development, Research Center, Wayne, N. J.

Wilson, William S., Dr. (L-1956) Prof. & Head of Dept. of Chemistry & Chemical Engineering, University of Alaska, College, Alaska. Mail: Box 13, College, Alaska.

Winding, Charles C., Dr. (F-1957) Director, School of Chemical & Metallurgical Engineering, Cornell Univ., Olin Hall, Ithaca, N. Y.

Windsor, Manly M., Dr. (F-1949) Research Chemist, McGean Chemical Co., Cleveland 9, Ohio. Mail: 242 Denison Ave., Elyria, Ohio.

Wing, Henry J., Dr. (F-1936) Manager of Research (Acting), Chesebrough - Ponds Inc., Clinton, Conn. Mail: 12 Pratt Rd., Clinton, Conn.

Winig, Jerome D. (F-1953) Director of Control, Bayer Co., Div., Sterling Drug Inc., 2144 E. State St., Trenton, N. J.

Winquist, Albert Douglas, Jr. (M-1952) Chemist, Union Carbide Chemicals Co., South Charleston, W. Va. Mail: 1916 Park View, St. Albans, W. Va.

Winship, William W. (L-1932) 100 Righter Road, Succasunna, N. J.

Winston, James J. (F-1953) Director of Research, National Macaroni Mfrs. Assn., Director of Jacobs-Winston Labs. Inc., 156 Chambers St., New York 7, N. Y.

Winterkorn, Hans F., Dr. (F-1949) Princeton University, Princeton, N. J. Mail: 116 Prospect Ave., Princeton, N. J.

Wisdom, Roy H. (F-1923) Consultant, 347 Richey Ave., W. Collingswood 6, N. J.

Wishnick, Robert I. (F-1937) Chairman of the Board, Witco Chemical Co., 122 E. 42nd St., New York 17, N. Y.

Wissman, Charles F. (A-1953) Process Engineer, Douglas Aircraft Co., 3000 Ocean Park Blvd., Santa Monica, Calif.

Withrow, David D. (M-1949) 1586 Arlington Ave., Marble Cliffs, Columbus 12, Ohio.

Witte, Paul John, Dr. (F-1936) Director of Research, Russell Reinforced Plastics Corp., Lindenhurst, N. Y. Mail: 28 Horseshoe Drive, Northport, N. Y.

Wittmer, Franklin Donald (A-1955) Instructor; Dept. of Chem. Eng'g., Washington University, St. Louis 5, Mo.

Wohlleben, William J., Dr. (F-1937) Head, Dept. Chemical Engineering, Emeritus, University of Dayton, Dayton 9, Ohio.

Wolf, Ernest (M-1956) Tech. Representative, Market Development, Olin Mathieson Chem. Corp., Box 480, Niagara Falls, N. Y.

Wolfe, W. D. (F-1957) Retired from Goodyear Tire & Rubber Co., Akron 16, Ohio. Mail: 2478 - 4th St., Cuyahoga Falls, Ohio.

Wolff, Hans, Dr. (F-1951) Head Oil & Protein Research, A. E. Staley Mfg. Co., Decatur, Ill.

Wolff, Harold I. (F-1957) Ass't. Manager - Manufacturing Development Dept., Shell Chemical Corp., 50 W. 50th St., New York, N. Y. Mail: 6 Juliette Rd., West Hempstead, N. Y.

Wolfson, Jacob (F-1929) Nopco Chemical Co., 1141 S. 14th St., Richmond, Calif.

Wolinski, Leon E., Dr. (A-1949) Staff Scientist, E. I. du Pont de Nemours & Co., Film Dept., Buffalo 7, N. Y. Mail: 83 Poplar Ave., Buffalo 11, N. Y.

Wollner, Herbert J. (F-1948) President, American Conditioning House, Inc., 11-17 Melcher St., Boston 10, Mass.

Womer, Robert L., Dr. (F-1953) Vice President & Tech. Director, Speer Carbon Co., St. Marys, Pa.

Wood, Donald L. (A-1956) Research Chemist, Southern Regional Lab., U.S.D.A., New Orleans, La. Mail: 7530 St. Charles Ave., Apt. 5, New Orleans 18, La.

Wood, P. J. (F-1925) Technical Direc-

tor, Royce Chemical Company, Carlton Hill, N. J.

Woodbridge, Richard G., III, Dr. (F-1949) Second Vice President, New York life Insurance Co., 51 Madison Ave., New York 10, N. Y.

Woodford, Lois Wilcox (EF-1937) Retired from American Cyanamid Co., Mail: 209 School St., Bloomfield, Conn.

Woods, Justus E., Dr. (F-1944) 337 Grand View Blvd., Yonkers, N. Y.

Woods, Lloyd L., Dr. (F-1957) Head, Department of Chemistry, Texas Southern University, Houston 4, Texas. Mail: 2706 Barbee, Houston 4, Texas.

Wooldridge, David P. (A-1956) Research Assistant, Indiana University, Bloomington, Ind. Mail: 327 S. Henderson, Bloomington, Ind.

Woolfolk, E. Oscar, Dr. (F-1957) Director, Div. of Natural Sciences & Mathematics, Central State College, Wilberforce, Ohio.

Work, Harold K., Dr. (F-1951) Director, Research Div., New York University, College of Engineering, University Heights, New York 53, N. Y. Mail: 41 Storer Ave., Pelham 65, N. Y.

Work, Lincoln T., Dr. (L-1940) Consulting Engineer, 36 W. 44th St., New York 36, N. Y.

Worley, Robert A. (L-1923) Supervisor, County of Mercer, Court House, Trenton, N. J. Mail: 1936 Riverside Drive, Trenton 8, N. J.

Wright, James R., Dr. (F-1957) Research Chemist, California Research Corp., Richmond, Calif. Mail: 2342 Tulare Ave., El Cerrito 9, Calif.

Wright, John G. (F-1934) Industrial Hygienist, American Cyanamid Co., Lederle Labs. Div., Pearl River, N. Y.

Wright, Paul M., Dr. (F-1949) Chm. Chemistry Dept., Wheaton College, 501 Seminary Ave., Wheaton, Ill.

Wright, William (F-1937) Superior Varnish & Drier Co., Clements & Crescent Blvd., Merchantville, N. J.

Yamins, J. L. (L-1947) Assistant to the President, Research Labs. Div., National Dairy Products Corp., Oakdale, L. I., N. Y.

Yater, Joseph T. (M-1948) 40 Westbury Ave., Staten Island 1, N. Y.

Yeck, Robert P. (F-1942) Research Chemist, American Smelting & Refining Co., Central Research Labs., So. Plainfield, N. J. Mail: 821 Muir Ter., Scotch Plains, N. J.

Yntema, Leonard F., Dr. (F-1947) Senior Metallurgist, Stanford Research Inst., Menlo Park, Calif.

Yocom, P. Niel, Dr. (A-1954) Research Chemist, R. C. A. Laboratories, Princeton, N. J.

Yoder, Lester (EF-1938) Biochemist, Mease Clinic, Dunedin, Fla. Mail: 546 Park St., Dunedin, Fla.

Yoe, John H., Dr. (F-1936) Prof. of Chemistry; Director, Pratt Trace Anal. Lab., University of Virginia, Charlottesville, Va.

Yoran, Calvin S.,, Dr. (F-1943) Vice-President, Brown Rubber Company, Inc., Lafayette, Ind. Mail: 1321 Sunset Lane, West Lafayette, Ind.

York, Foster (F-1948) 1216 Central St., Evanston, Ill.

Young, C. B. F., Dr. (F-1940) Consultant & Executive, 100 Oak Tree Place, Leonia, N. J.

Young, David W. (L-1949) Research Associate; Ass't to Vice President, Sinclair Research Labs., Inc., Harvey, Ill.

Young, George Husband, Dr. (F-1943) Director of Research, Mellon Instiute, 4400 Fifth Ave., Pittsburgh 13, Pa.

Young, John M. (A-1940) Manager Liaison & Testing, Merck & Co., Inc., Rahway, N. J.

Young, Raymond H. (A-1953) Instructor, University of Maine, Dept. of Chemistry, Orono, Maine.

Youngdale, Gilbert A. (A-1954) 15401 Dolphin, Detroit 23, Mich.

Yourtee, John A., Dr. (F-1944) Technical Superintendent, American Viscose Corp., Marcus Hook, Pa. Mail: 108 Hilltop Road, Hilltop Manor, Wilmington 3, Del.

Zabel, Herman W. (F-1955) Exec. Vice President, Roger Williams Technical & Economic Services, Inc., Box 426, Princeton, N. J.

Zachlin, Anthony C. (F-1953) Chemist, Electric Storage Battery Co., Automotive Div., Cleveland, Ohio. Mail: 3720 Grosvenor Road, Cleveland Heights 18, Ohio.

Zahnd, Hugo, Dr. (F-1929) Professor of Chemistry, Brooklyn College, Brooklyn 10, N. Y.

Zerlaut, Gene A. (A-1957) Research Chemist, Bldg. 4381, The U. S. Army Ballistic Missile Agency, Huntsville, Ala.

Zettlemoyer, Albert C., Dr. (F-1947) Professor of Chemistry, Lehigh University, Bethlehem, Pa.

Zichis, Joseph, Dr. (F-1945) 9246 S. Vincennes Ave., Chicago 20, Ill.

Ziffer, Frederick W., Dr. (F-1944) Director of Labs., American Pharmaceutical Co., 120 Bruckner Blvd., New York 54, N. Y.

Zimmerli, William F., Dr. (EF-1943) Consultant, Keene, Essex County, N. Y.

Zimmerman, Harry M. (F-1956) General Manager, Seiberling Rubber Co., Plastics Div., Newcomerstown, Ohio.

Zoellner, William G., Dr. (A-1952) Assistant Professor of Chemistry, St. John's University, Jamaica 32, N. Y.

Zons, Frederick W., Dr. (F-1923) Consultant, 239 Centre St., New York 13, N. Y.

Zoole, Leonard (F-1923) Retired. Philadelphia 41, Pa.

Zucker, Milton (F-1946) Partner, Sweedler & Zucker, 420 Lexington Ave., New York 17, N. Y. Mail: 217 Storer Ave., New Rochelle, N. Y.

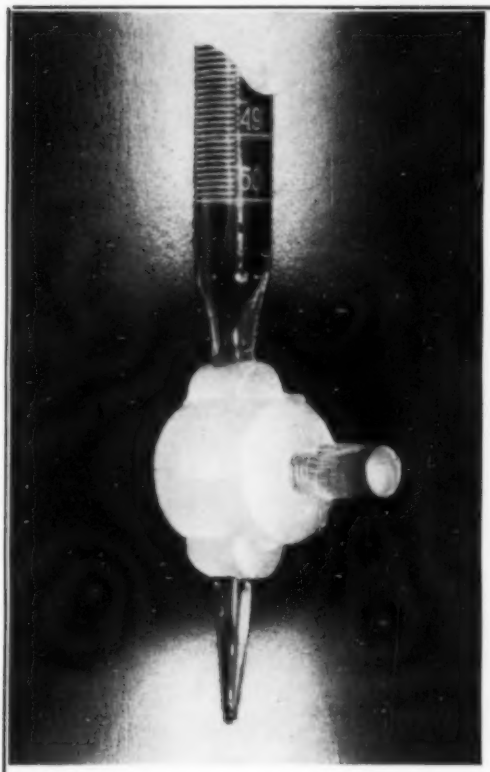
Zuffanti, Saverio (F-1949) Prof. of Chemistry, Northeastern Univ., Boston 15, Mass.

Zyzyck, Leonard M. (M-1948) Chief Chemist, Stein Hall Co., 12-10 Jackson Ave., Long Island City, N. Y.

AIC MEMBERSHIP TOTAL

(As of April 1, 1958)

Fellows	2055
Members	289
Associates	376
Life	39
Honorary	44
Total	2803



New

POLYETHYLENE LABORATORY STOPCOCK

Tapnik*...
with the new diaphragm principle

- Polyethylene
- Delicate Control
- Non-Sticking

Tapnik* STOPCOCKS

The new Tapnik* employs a diaphragm of Neoprene or Polyethylene. The liquid flowing through never touches the thread. It will not stick or freeze.

* TRADEMARK

TP-41	Tapnik*	Burette	only	$ 4.00 ea.
TP-42	Tapnik*	Burette	25 ml	8.00 ea.
TP-43	Tapnik*	Burette	50 ml	8.00 ea.
TP-44	Tapnik*	Burette	100 ml	10.25 ea.

General LABORATORY SUPPLY COMPANY

P. O. BOX 2607 PATERSON, N. J.

Tough nut to crack?

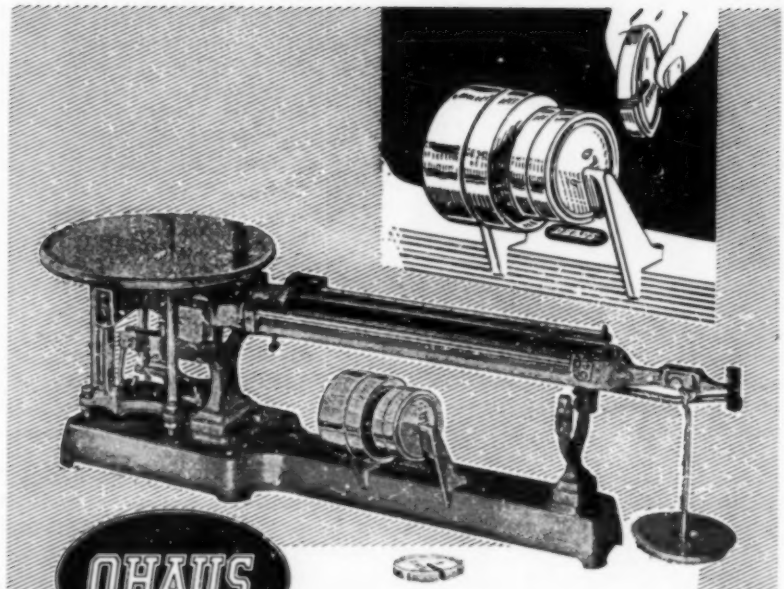
Evans Research, an independent chemical consulting laboratory, offers many powerful tools for "cracking" today's industrial research and development problems.

- **VIEWPOINT**
  — that is fresh and impartial
- **IDEAS**
  — that come from team thinking
- **BACKGROUND**
  — that is broad and diversified
- **INGENUITY**
  — that devises new and unusual methods
- **APPROACH**
  — that is keyed to solving problems
- **FLEXIBILITY**
  — that means you can start and stop projects on short notice
- **FACILITIES**
  — that permit you to do research without capital investment

These tools are available to you. For information, and a copy of our brochure, "Research — Catalyst for Industry," write today.

Research — Catalyst for Industry

EVANS RESEARCH
and DEVELOPMENT CORPORATION, Dept. A 2
250 East 43rd St. New York 17, N. Y.



OHAUS

NEW HEAVY DUTY SOLUTION BALANCE

with HANDY WEIGHT RACK

Another improvement on a fine balance! This handy weight carrier rack puts the attachment weights within easy reach of the operator. Balance is equipped with stainless steel platform and beams. Has self-aligning bearings.

MODEL 119-S pictured:

METRIC CALIBRATION
CAPACITY—20 KG.
SENSITIVITY—1 GRAM

write for complete information

OHAUS SCALE CORPORATION

1050 Commerce Ave. **Union, N. J.**

A LOW COST METHOD OF PROCESS COOLING

The Principle

By permitting water, aqueous solutions or any volatile liquid to evaporate under high vacuum and without heat from an outside source, enough BTU can be removed to chill the liquids down to 32°F, or even lower in the case of solutions.

Reasons for Low Cost

Because plain water takes the place of expensive refrigerants, evaporative cooling is much lower in cost than mechanical refrigeration. Even in some cases where conditions of industrial water supply are unfavorable this advantage prevails. Also since the equipment itself is simple and without moving parts it is economical to operate and maintain.

Evaporative Cooling Applications

Chilling water for condensers, cooling rolls, absorption towers, gas coolers, drinking systems, air conditioning and other processing equipment.

Direct cooling of mother liquors in crystallizers on through a host of miscellaneous liquids as diverse as milk and whiskey mash. Cooling porous solids and wetted surfaces.

THE CROLL-REYNOLDS "CHILL VACTOR"

An Evaporative Cooling Equipment of Advanced Design

The CHILL-VACTOR usually consists of four major parts —the vacuum flash chamber, a single or multi-nozzle Croll-Reynolds Steam Jet Booster for producing high vacuum, a condenser suited to operating conditions, and an ejector air pump for removing non-condensables. All these elements are without moving parts —the only moving machinery being a centrifugal or other pump if required for water circulation. "CHILL-VACTOR" units can operate on low pressure steam down to atmospheric with condenser water at temperatures up to as high as 95°F.

For your cooling problems we can offer many years specialized experience, and a successful record of over thirty years designing and building ejectors for other industrial vacuum requirements.

CROLL-REYNOLDS CO., INC.

751 CENTRAL AVE. WESTFIELD, N. J.

New York Office: 17 John Street, New York 38, N. Y.

Representatives in 21 principal cities

CHILL-VACTOR UNITS • EVACTOR STEAM JETS • CONDENSING EQUIPMENT

Annual Meeting Papers

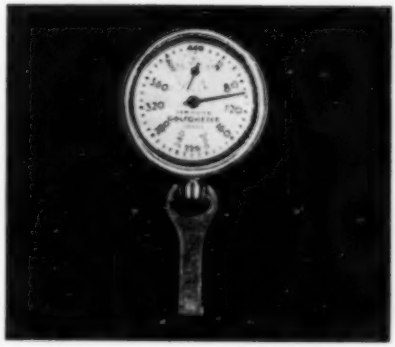
The papers presented at the Thirty-fifth Anniversary Meeting of the AIC, being held April 10-11, in Los Angeles, Calif., will be featured in the June issue of THE CHEMIST. The theme of the meeting is "The Chemist and the Public". Outstanding speakers, connected with government, the military, industry, education, and public relations, are speaking at the Keynote luncheon and three professional sessions. The first session is entitled, "The Chemist and National Defense"; the second, "The Chemist and Public Education"; and the third, "The Chemist and the Community." The Gold Medal is being presented to Lawrence Flett, whose acceptance address is entitled, "The Worth of a Chemist."

AIC Meetings

For information about meetings of Chapters of The American Institute of Chemists, contact the secretaries of the Chapters. Their names are given on page 137.

Membership Applications

A brochure and an application form for membership may be obtained from the Secretary, The American Institute of Chemists, Inc., 60 East 42nd Street, New York 17, N. Y.



GOLFOMETER gives you the exact distance of every ball you drive. It's about the size of a pocket watch and hooks on to your belt or your pocket. Set it at zero, walk to the ball and look at the golfometer. The distance you walked is registered. A good method of determining what club to use for your next stroke. $7.50 ppd. Gayles, 440 West 24th St., New York 11.

THE LENTO PRESS, INC.

Distinctive Printing

441 Pearl Street New York, N. Y.

WOrth 2-5977

For productive results in advertising, use THE CHEMIST.

At minimum cost you can reach those who have the authority to buy, or who have the final say in ordering chemicals, chemical equipment, or services.

Lucius Pitkin, Inc.
ESTABLISHED 1885
Metallurgical Chemists & Consultants
Analysis—Sampling—Assaying
Spectrography—Metallography
Corrosion Studies—Research
X-RAY FLUORESCENT SPECTROGRAPHY
Pitkin Bldg., 47 Fulton St., N. Y. 38, N. Y.
Member:
American Council of Independent Laboratories

LINCOLN T. WORK
CONSULTING ENGINEER
Research Guidance
Process Development
Engineering - Management
Executive Talent Search
36 W. 44th STREET, NEW YORK 36, N. Y.
Tel. MUrray Hill 2-3276

PHOENIX
CHEMICAL LABORATORY, INC.
Specialists in Petroleum Products
Chemical Tests • Physical Tests
Qualification Tests
3953 Shakespeare Avenue
CHICAGO 47, ILL.

R. STECKLER LABORATORIES
19220 Miles Ave. Cleveland 28, Ohio
Montrose 3-6575
Research • Product Development
Consultation • Market Research
Product & Process Evaluation
SYNTHETIC RESINS, POLYMERS, COATINGS
Fully Equipped Laboratory

MOLNAR LABORATORIES
Organic Process Development,
Control Laboratory and Pilot
Plant Studies
Toxicology • Bacteriology • Biochemistry
Your Inquiries Invited
211 E. 19th Street, New York 3, N. Y.
Telephone: GRamercy 5-1030

ROBINETTE RESEARCH LABORATORIES, INC.
Industrial Research • Consultation
Technical and Economic Surveys
Product Development
Chemical Market Research
16 East Lancaster Avenue
Ardmore, Pa. Tel. Midway 2-6457

LaWall & Harrisson
RESEARCH & CONTROL LABORATORIES
Div. I, 1921 Walnut St., Philadelphia 3, Pa.
SINCE 1870
Food & Drug PROBLEMS
Pharmacological BACTERIOLOGICAL CHEMICAL

COMMERCIAL CHEMICAL DEVELOPMENT
Surveys. Technical and Economic Evaluations. Application Research. Operating Cost Studies. Financial Reports. Profit Estimates. Recommendations for Acquisitions and Expansions.
ARIES
R. S. ARIES
AND ASSOCIATES
CONSULTANTS
TO THE CHEMICAL INDUSTRIES
New Products and Processes
Complete Technical and
Economic Services
77 South St., Stamford, Conn.
DAvis 5-2236

CHEMISTS • ENGINEERS

Domestic and overseas positions in research development and production; analysis and quality control up to $30,000. Many are fee paid.

MARGARET BUSHER AGENCY
Chemical Personnel Specialist
131 W. 42nd Street, New York City
LOngacre 3-2366
Special Interviews After Hours If Requested

NORMAN APPLEZWEIG ASSOCIATES

Specialists in
Applied Biochemistry

Product development consultants to the Food, Drug and Cosmetic Industries

131 Christopher St., New York 14, N. Y.
ORegon 5-1860

FOSTER D. SNELL INC
RESEARCH AND DEVELOPMENT CONSULTANTS

Completely staffed with over 100 specialists, equipped with 10 stories of laboratories, backed by 36 years of experience in many fields:

Product Development - Analyses
Engineering - Market Research
Physical Measurement - Toxicology
Bacteriology - Animal Work
Food Technology

Bulletins and detailed information on request without obligation. Call WAtkins 4-8800 or write to:

FOSTER D. SNELL, INC.
29 W. 15 St., N.Y. 11, N.Y.

RESEARCH TESTING DEVELOPMENT in

Engineering, chemistry, metallurgy, textile technology, electronics, microbiology and psychometrics . . . from basic materials to finished products.

UNITED STATES TESTING COMPANY, INC.
Hoboken, N. J.
America's Most Diversified Coast-to-Coast Laboratory
BOSTON • BROWNSVILLE • DALLAS • DENVER
LOS ANGELES • MEMPHIS • NEW YORK
PHILADELPHIA • PROVIDENCE • SAN ANGELO

TRUESDAIL LABORATORIES, INC.

Write for Brochure and Bi-monthly Publication
"CHEMISTRY IN ACTION"
4101 N. Figueroa St.
Los Angeles 65, Calif.
CApitol 5-4148
•
Hawaiian Division,
Honolulu, Hawaii
CHEMISTS • ENGINEERS
BACTERIOLOGISTS

- Applied Research & Development
- Consultation
- Analyses
- Environmental & Mechanical Testing

Food and Drug Research Laboratories INCORPORATED

Our 36th Year

ANALYSES
EVALUATIONS
CONSULTATION
for PURITY, QUALITY, SAFETY

BERNARD L. OSER, Ph.D., *Director*
MAURICE AV. at 58th ST., MASPETH 78, N.Y.C.
* *Formerly* FOOD RESEARCH LABORATORIES, INC.

Application of Thermoanalytical Research Techniques — Development of Laboratory and Control Instrumentation

GORDON and CAMPBELL

Consulting Chemists

Foods, Pharmaceuticals, Minerals, Cosmetics, Metals, Ceramics, Polymers

Saul Gordon, Ph.D. 12 Brookfield Way
Clement Campbell Morristown, N. J.
JEfferson 8-7969

TOXICITY TESTING

of FOOD, DRUG and COSMETIC INGREDIENTS

ROSNER-HIXSON LABORATORIES
7737 South Chicago Ave.
Chicago 19, Ill.

ROGER WILLIAMS

Technical & Economic Services, Inc.

- ENGINEERING ECONOMICS
- MARKET RESEARCH
- PRODUCT EVALUATION

Write for "Profit Evolution"

148 East 38th Street, New York City 16
MUrray Hill 5-5257

John J. Levenson Jr. & Associates

Chemical and General Management Consultants

Research Organization and Guidance
Process and Product Development
Technical and Economic Analyses
Marketing Studies and Surveys

342 MADISON AVENUE
NEW YORK 17, N. Y. OXford 7-9530

CALKIN & BAYLEY, INC.

- Marketing and Economic Research
- Project and Market Development
- Process Development and Design
- Business and Plant Surveys
- Analysis and Testing

50 EAST 41st STREET, NEW YORK, N. Y.

WM. J. SCHEPP, F.A.I.C.

CONSULTING CHEMIST

PRODUCT DEVELOPMENT OR IMPROVEMENT

Industrial - Agricultural - Biochemical

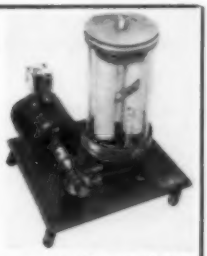
21-23 Summit Ave. SWarthmore 6-1212
EAST PATERSON, N. J.

Fast-Efficient FILTRATION

Single surface filtration is NOT enough —get 100% DEPTH FILTRATION

Sethco
FILTER PUMP UNITS

- for all solutions
- from pH 0 to pH14
- down to 1 micron in size
- over 25 stock models
- 10 to 3000 gals. per hr.
- special models to order



SETHCO MFG. CO., 2294 Babylon Turnpike, Merrick, L.I., N.Y., MAyfair 3-4220 *write for illustrated folder*

RARE CHEMICALS

Tetranitromethane

Phosphorus Nitride

O. JOHNSON

92 ORCHARD STREET

Bloomfield, N. J.

Arthur D. Little, Inc.

CONSULTANTS TO INDUSTRY

Research, Development, Engineering, Market and Economic Surveys

Cambridge; New York; Chicago; Washington, D.C.; Los Angeles; San Francisco; San Juan, Puerto Rico

NOW OVER 5100 BIOS CHEMICALS

- PROPYL NITRATE
- PROTHROMBIN
- PROTOPORPHYRIN
- PTYALIN
- PYRAZINE
- PYRIDINE-2-ALDEHYDE
- PYRIDINE-4-ALDEHYDE
- PYRROCOLINE
- QUERCETIN
- QUERCETRIN
- QUERCIMETRIN
- QUININE IODOBISMUTHATE
- QUININE PHOSPHATE
- QUINUCLIDINE
- RESAZURIN (SODIUM SALT)

Ask for our new complete catalogue.

BIOS Laboratories, Inc.

17 West 60th St. New York 23, N. Y.

PLaza 7-8171

PROBE into your pH problems on-the-spot

with the Analytical pocket pH meter and revolutionary probe unit

Self-contained in waterproof ever-ready case with shoulder strap.

Instrument size: 3 x 5⅞ x 2½ inches

Case size: 3¾ x 6½ x 4⅛ inches

Weight with accessories: 3 lbs.

Permits continuous, direct reading of pH. No buttons to hold down or dials to turn

Analytical Measurements, Inc.

585 MAIN ST CHATHAM, N. J.

Analytical Measurements, Inc.
585 Main Street, Chatham, N. J.
Please send full information to:

Name _____

Company _____

Address _____

City _____ State _____

fine chemicals

BY REHEIS

...specialists in the production of aluminum salts to the Chemical Industry

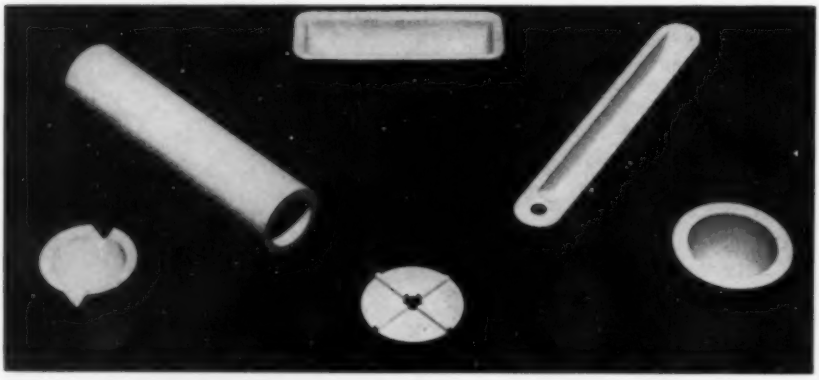
Give your products the quality-protection of dependable Reheis chemicals. Take advantage, too, of Reheis' Technical Service, designed to help answer application questions.

For Pharmaceuticals: Aluminum Hydroxide Gels, compressed or dried, to meet any formulation.

For Cosmetics and Anti-Perspirants: Aluminum Chlorhydroxide Complex (Chlorhydrol)—for creams, lotions, sprays and powders; Modified Aluminum Chlorhydroxide Complex (Chlorhydrol S-5)—for alcoholic, gum-free gels; Sodium Aluminum Chlorhydroxy Lactate Complex (Chloracel)—for stick anti-perspirants.

Write for complete data and free samples.

REHEIS COMPANY, INC., Berkeley Heights, N. J.



NEW MACHINE MADE BOATS

Low cost Zirconium Silicate Machine Made Combustion Boats, Crucibles, and Covers, made of the highest grade Zirconium Silicate material available, with the Correct Chemical Composition. The most modern mechanical equipment to produce high quality products are used in production of these parts.

Saxonburg Boats and Crucibles resist penetration by silicon steel and stainless steel slags very well. They are also thermal shock resistant, carbon and sulphur free.

Special parts of zircon also made to your order.

Please send for free samples of the above on your company letterhead.

SAXONBURG CERAMICS • Saxonburg, Pennsylvania

ALLIED CHEMICAL

INDUSTRY DEPENDS UPON
ALLIED CHEMICAL
FOR MORE THAN
3,000
DIVERSIFIED PRODUCTS

Which of these can help you improve your product or process?

Allied Chemical

61 Broadway,
New York 6, N.Y.

Barrett Division—coal-tar chemicals, PLASKON plastics and resins, roofing and building products, road materials, pipeline enamels, wood preservatives, industrial pitches.

General Chemical Division—sulfuric and other commercial acids, alums, phosphates, fluorine and sodium compounds, BAKER & ADAMSON reagents and fine chemicals, GENETRON refrigerants and aerosol propellants.

National Aniline Division—NATIONAL dyes and certified colors, NACCONOL detergents, organic chemicals and intermediates, pharmaceutical chemicals, NACCONATE diisocyanates for urethanes, CAPROLAN polyamide fiber.

Nitrogen Division—ARCADIAN fertilizers, nitrogen solutions, PROCADIAN feed mixtures, ammonia, urea, ethylene oxide, ethylene glycols, ethanolamines.

Semet-Solvay Division—A-C polyethylenes, coke and by-products, WILPUTTE by-product coke ovens, engineering services.

Solvay Process Division—soda ash, caustic soda, potassium carbonate, caustic potash, chlorine, chloromethanes and benzenes, hydrogen peroxide; calcium, aluminum and ammonium chlorides; MUTUAL chromium chemicals.

International Division—marketing Allied products outside the United States.

The capitalized product designations above are Allied Chemical trademarks.

accurate to .01 gram
capacity 311 grams

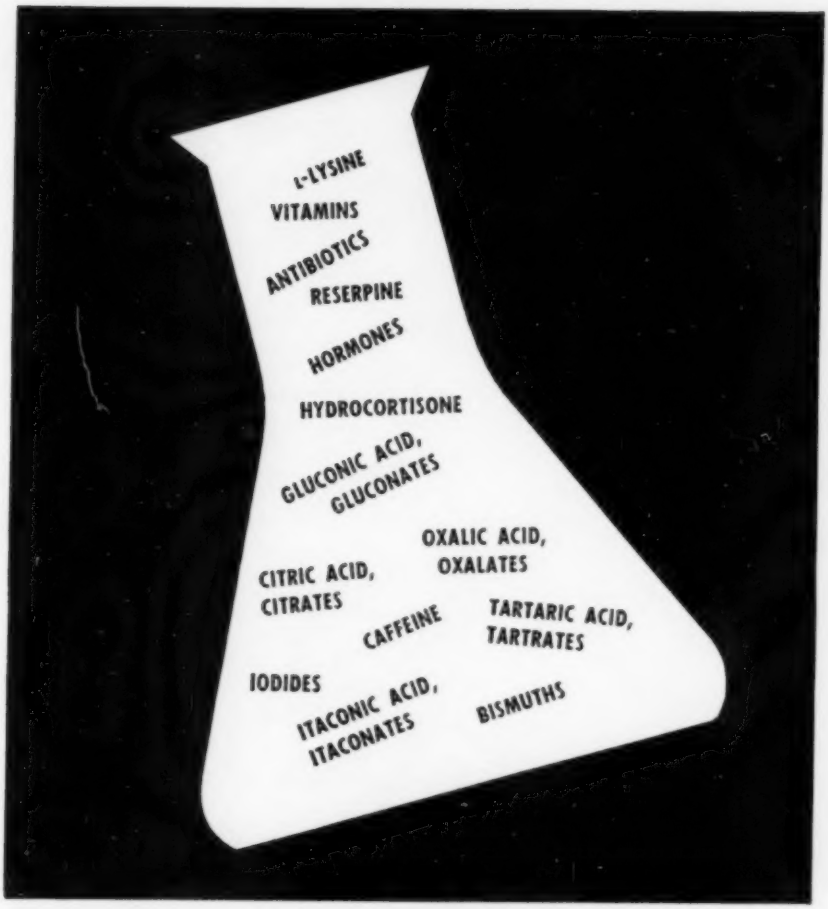
The name Ohaus on laboratory balances is synonomous with quality and service.

We are especially proud of the new Cent-O-Gram balance which incorporates many of the fine features developed by Ohaus thru its longer than 40 years in the specialized manufacture of this equipment.

A complete catalog of the entire Ohaus line is available on request.

HARVARD TRIP BALANCES • SOLUTION BALANCES • INDUSTRIAL BALANCES • TRIPLE BEAM BALANCES • SPECIAL PURPOSE BALANCES GRAIN TESTING SCALES • LABORATORY and SPECIAL WEIGHTS

SCIENTIFIC GLASS APPARATUS CO., INC.
BLOOMFIELD - NEW JERSEY
LABORATORY APPARATUS - INSTRUMENTS - CHEMICALS - GLASSWARE



Your assurance of quality **Pfizer**

Manufacturing Chemists for Over 100 Years

CHAS. PFIZER & CO., INC. *Chemical Sales Division*
630 Flushing Ave., Brooklyn 6, N. Y.

Branch Offices | Chicago, Ill.; San Francisco, Calif.; Vernon, Calif.; Atlanta, Ga.; Dallas, Tex.

TYGON TUBING

Glass clear for solution visibility, softly flexible for easy use, Tygon Tubing is made in 66 sizes. Conveniently packaged with every foot branded for your protection.

- *At your Laboratory Supply House*

U. S. STONEWARE
AKRON 9, OHIO

180F